

Panasonic

Cordless Phone with Answering System

KX-T4360

Model No. **KX-T4365**

Pulse-or-tone dialing capability

Operating Instructions



**SOUND CHARGER
PLUS**

Please read before use.

The unit in this picture is KX-T4360.

Charge the battery fully before initial use.

(KX-T4360 needs 3-hour charging. KX-T4365 needs 10-hour charging.)

- This cordless telephone is designed for use in the United States of America. Sale or use of this product in other countries may violate local laws.
- Ce téléphone sans fil est conçu pour être utilisé aux Etats-Unis d'Amérique. La vente ou l'emploi de cet appareil dans certains autres pays peut constituer une infraction à la législation locale.
- Este teléfono sin cordón fue elaborado para uso en los Estados Unidos de América. La venta o el empleo de este producto en ciertos países puede constituir violación de la legislación local.
- このコードレス電話機は、日本国外での使用を目的として設計されており、日本国内での使用は法律違反となります。従って、当社では日本国内においては原則として修理などのサービスは致しかねます。

Preparation

Cordless telephone

Answering system

Other information

Please read **IMPORTANT SAFETY INSTRUCTIONS** on pages 54–55 before use. Read and understand all instructions.

Introduction (Features)

Thank you for purchasing the Panasonic cordless telephone with answering system. You can use the following convenient features.

Telephone features:

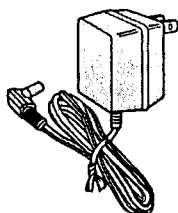
- Sound charger plus—helps to filter out background noise and enhance sound quality
- Secure guard—to protect your cordless telephone conversations from being eavesdropped by unauthorized persons (p. 24)
- Hands-free speakerphone—allows you to make or receive a call without lifting the handset from the base unit (p. 23, 25)
- 10-station automatic dialing (p. 26)

Answering system features:

- Digital recording for the greeting message (p. 14)
- New message playback (p. 33)
- Voice time/day stamp on each message (p. 18)
- Remote operation from a touch tone phone (p. 36-40)/
from the handset (p. 41-44)

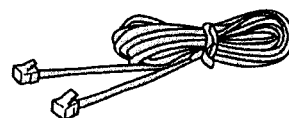
Accessories (For accessory order, call toll free 1-800-332-5368.)

AC Adaptor (p. 13)



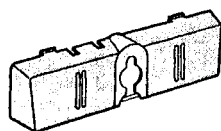
one

Telephone Line Cord (p. 13)



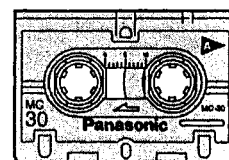
one

Wall Mounting Adaptor (p. 50)



one

Incoming Message Tape (MC-30)
(p.12)

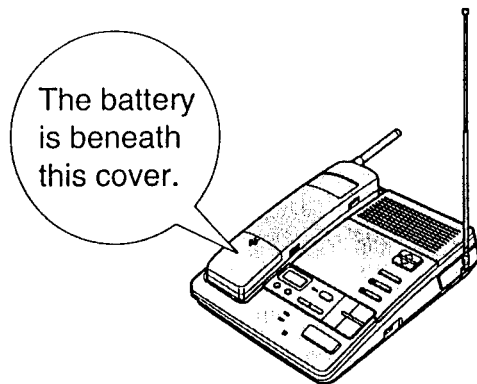


one

For best performance

Battery charge

To power the handset, charge the battery before initial use.

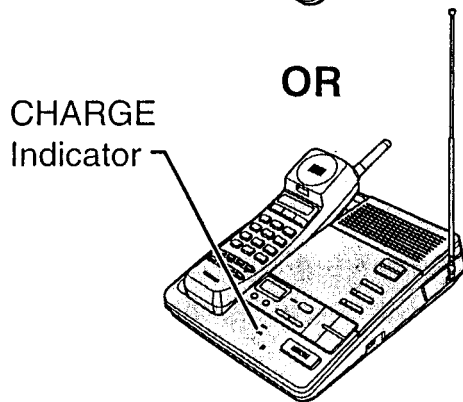


Place the handset on the base unit.

KX-T4360: For 3 hours.

KX-T4365: For 10 hours.

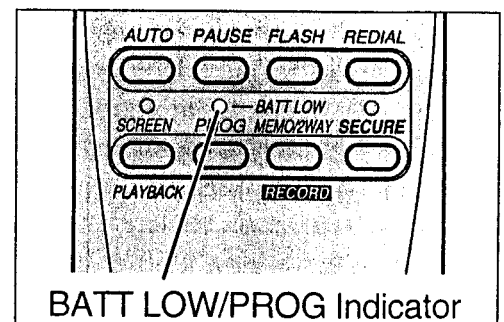
- The handset can also be placed with the dialing buttons facing upward.
- The CHARGE indicator lights.
- The battery cannot be overcharged.



Notes:

- **Clean the charge contacts with a soft cloth once a month**, or the battery may not charge properly.
- Once the battery is fully charged, you do not have to place the handset on the base unit until the BATT LOW/PROG indicator flashes.

Recharge the battery when the BATT LOW/PROG indicator flashes or beep tones sound every 15 seconds during a conversation.



(continued on next page→)

Standard battery life

If your Panasonic battery is fully charged:

While the phone is not in use (Stand-By)	Up to 21 days
While the phone is in use (TALK)	Up to about 8 hours

Battery life may vary depending on usage conditions and ambient temperature. If you are using "secure guard" feature (p. 24), the battery life in TALK mode when fully charged might be up to 7 hours.

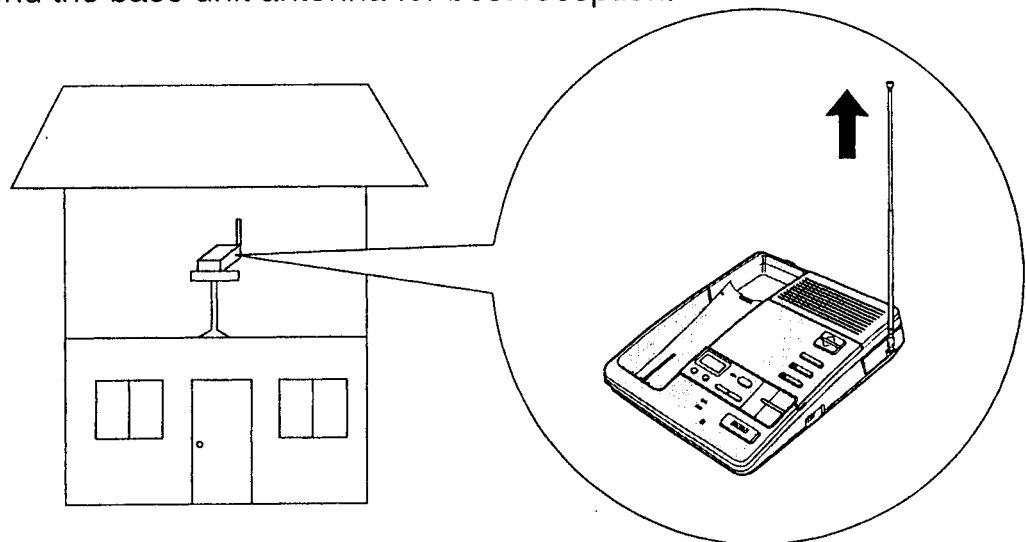
Operating range

Calls are transmitted between the base unit and the handset using wireless radio waves. The range of operation is determined by the maximum power allowed by FCC rules, construction of your home, weather or usage conditions.

Normally you may get a longer range outdoors than indoors. Obstacles such as walls, metal shelves or cement-iron walls may shorten the operating range.

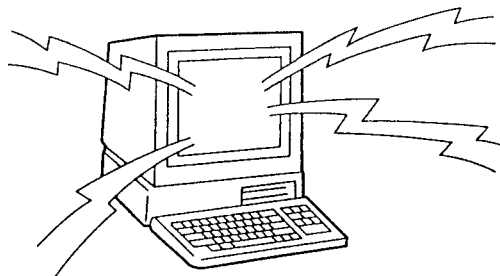
For maximum range

It is best to place the base unit at a HIGH and CENTRAL location of the house, with no obstructions or interference from electrical appliances. Extend the base unit antenna for best reception.



Noise

Occasional noise or interference may occur due to other random radio waves.

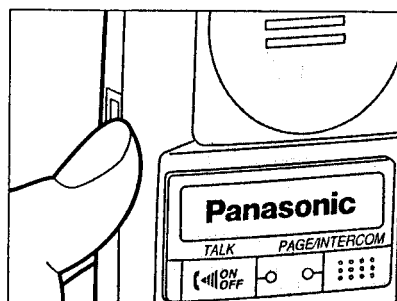


Electrical appliances such as a refrigerator, microwave oven, fax, TV, radio, or personal computer might interfere with the telephone conversation or shorten the operating range.

If noise affects your telephone calls, keep the base unit, telephone line cord or AC adaptor cord away from electrical appliances.

To reduce noise during a conversation (To select a clear channel)

A channel is a set of receiving and transmitting frequencies. You may select a clear one of 10 channels (1 through 10).



During a conversation, press **CH**.

- The base unit will then select another available channel, which the base unit is continuously scanning.
- The selected channel number is displayed on the call counter.

Note:

- If the handset user is too far from the base unit, the CH button may not function fully. Move toward the base unit.

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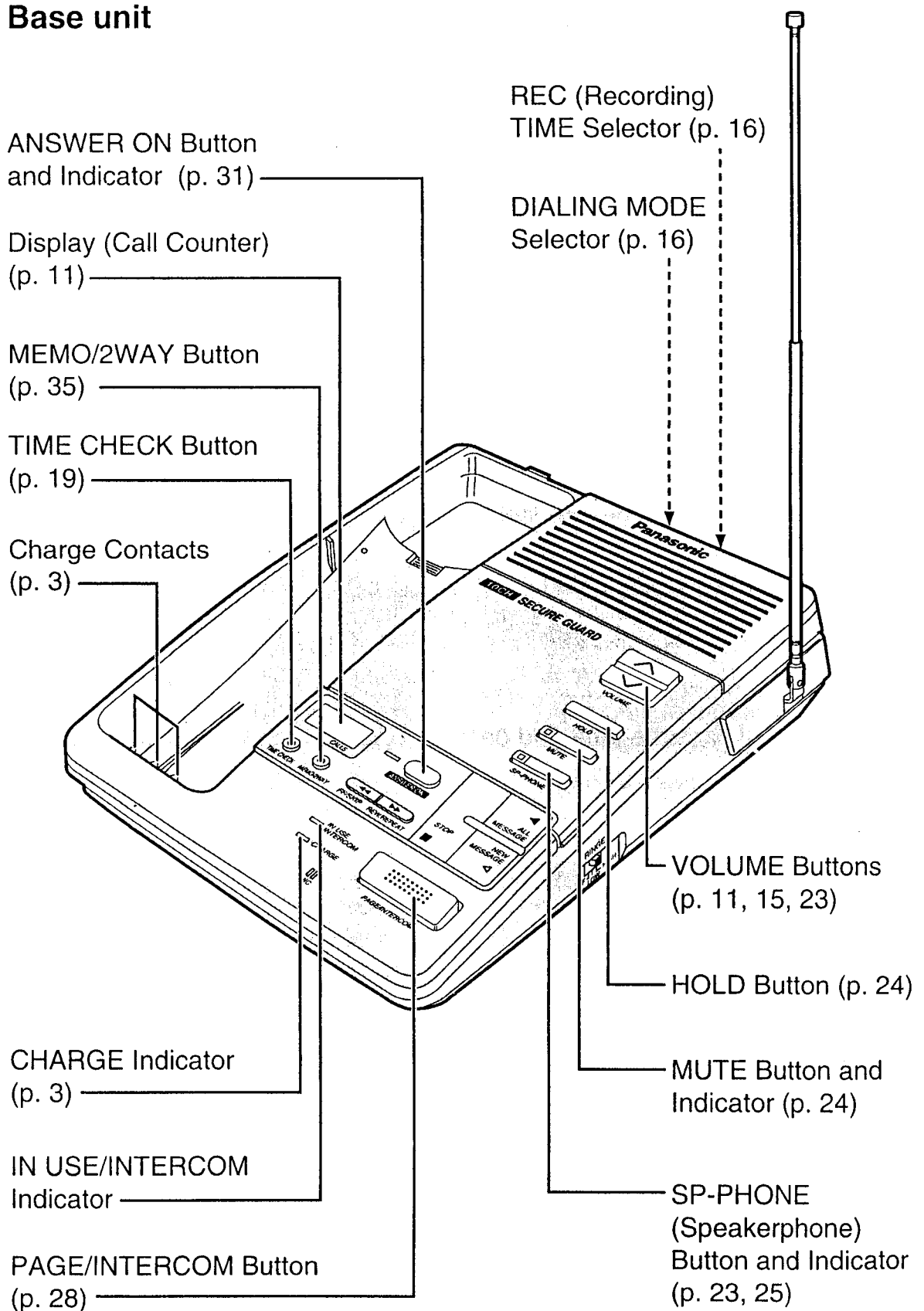
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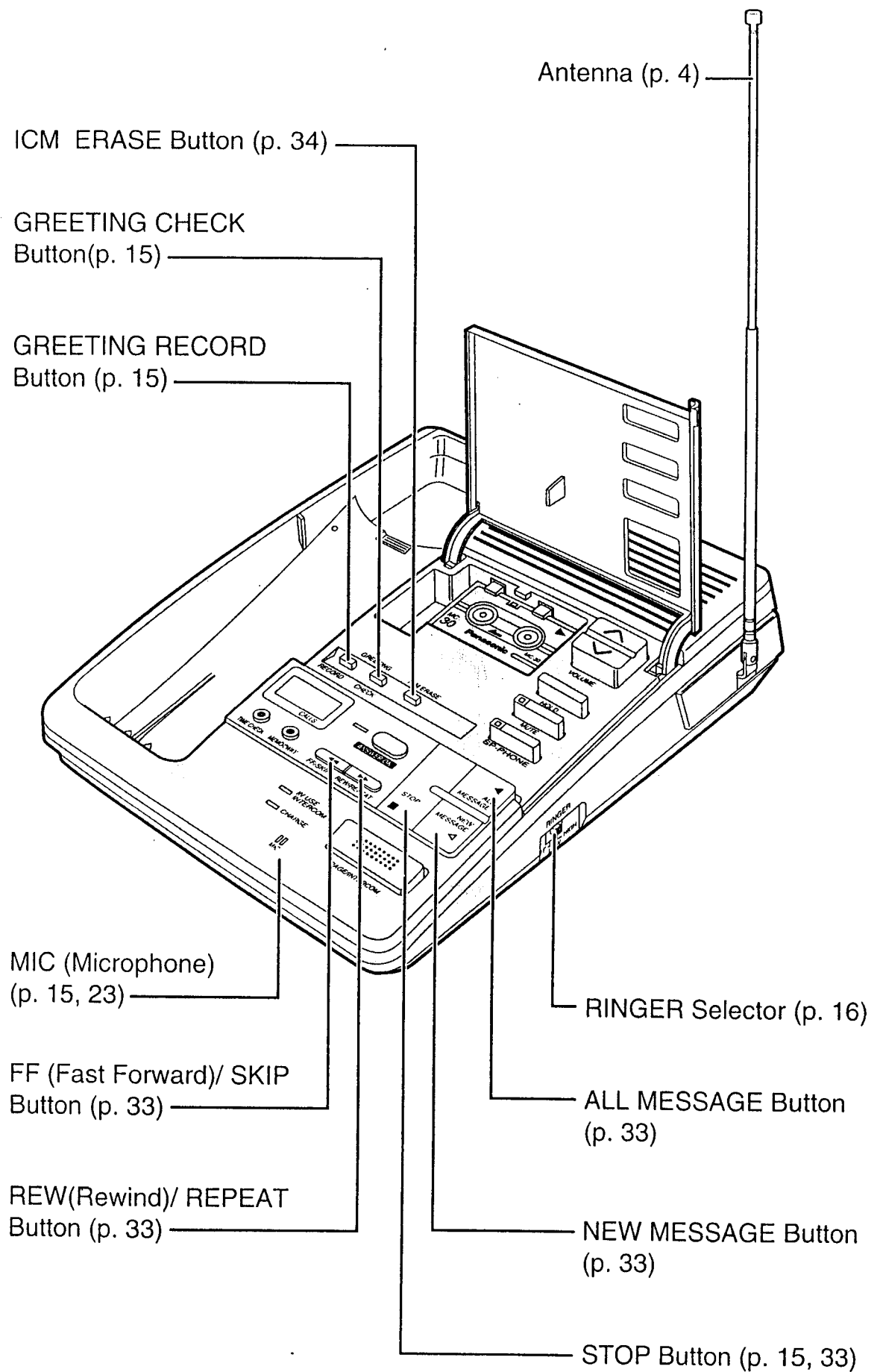
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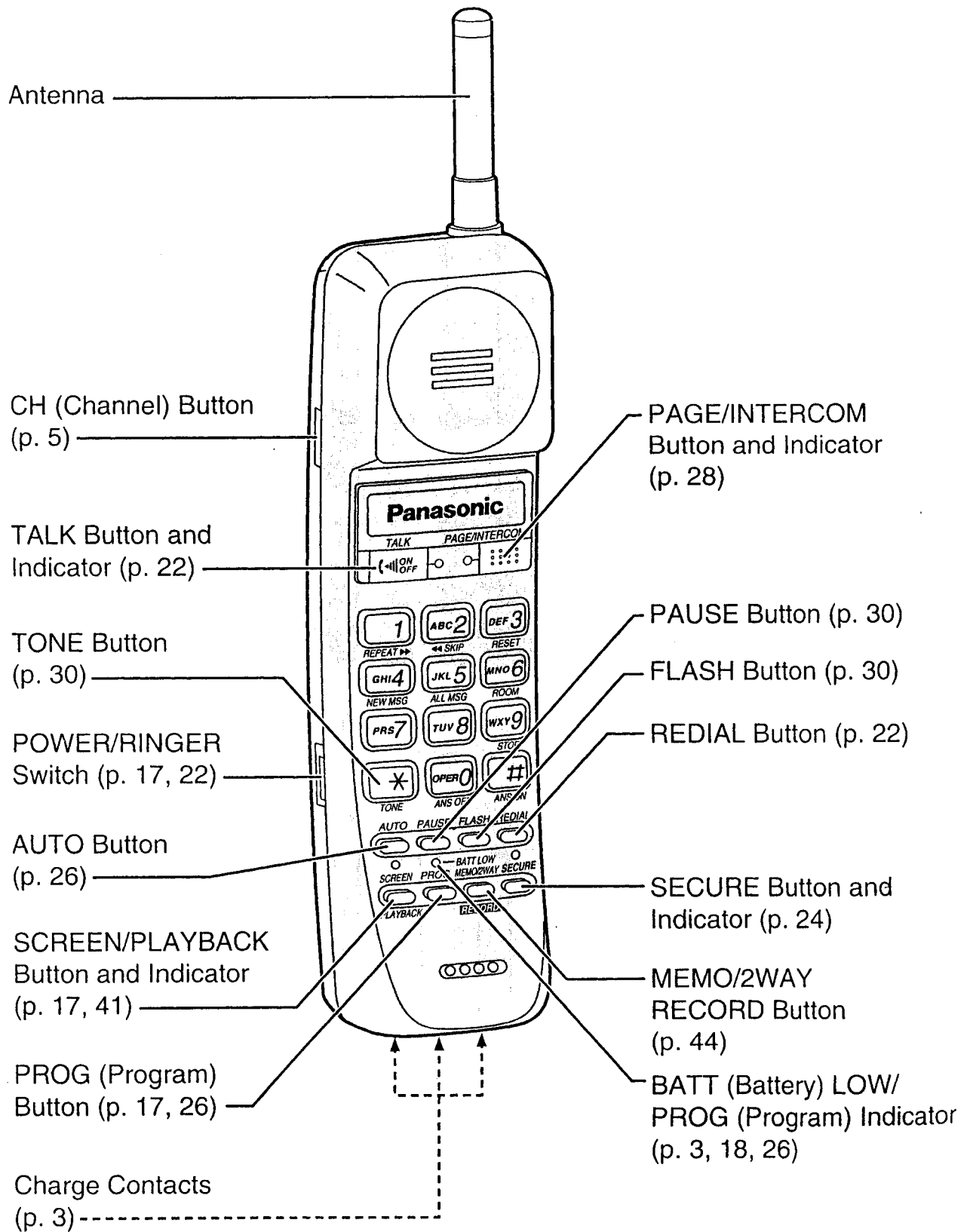
Location of controls

Base unit

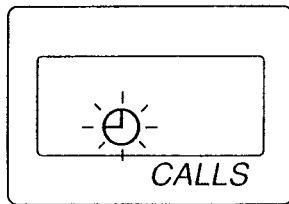




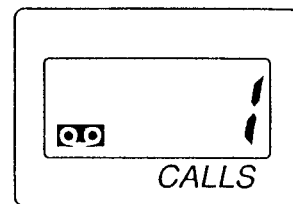
Handset



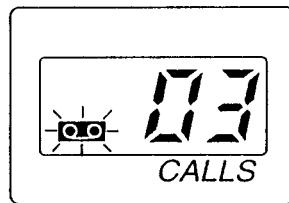
Display (call counter)



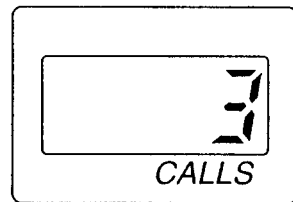
The clock needs adjustment (p. 18).



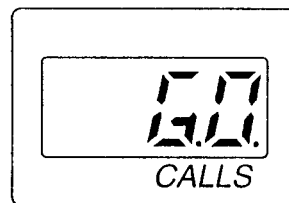
First recorded message is being played back (p. 32).



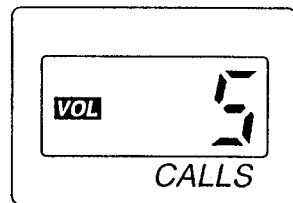
The greeting message is being recorded. The call counter counts the recording duration (p. 15).



3 messages have been recorded (p. 32).



The REC TIME selector is set to "GREETING ONLY" (p. 16).

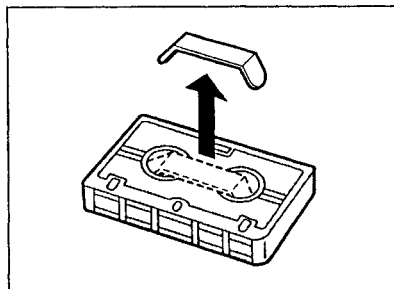


The speaker volume level is set to "5". When using the answering system, you can select 9 levels (0–8). During a call with the speakerphone, you can select 8 levels (1–8).

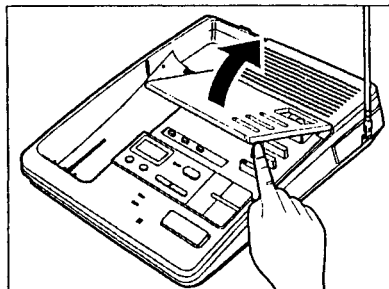
Setting up the unit

Inserting the incoming message tape

Remove the stopper.

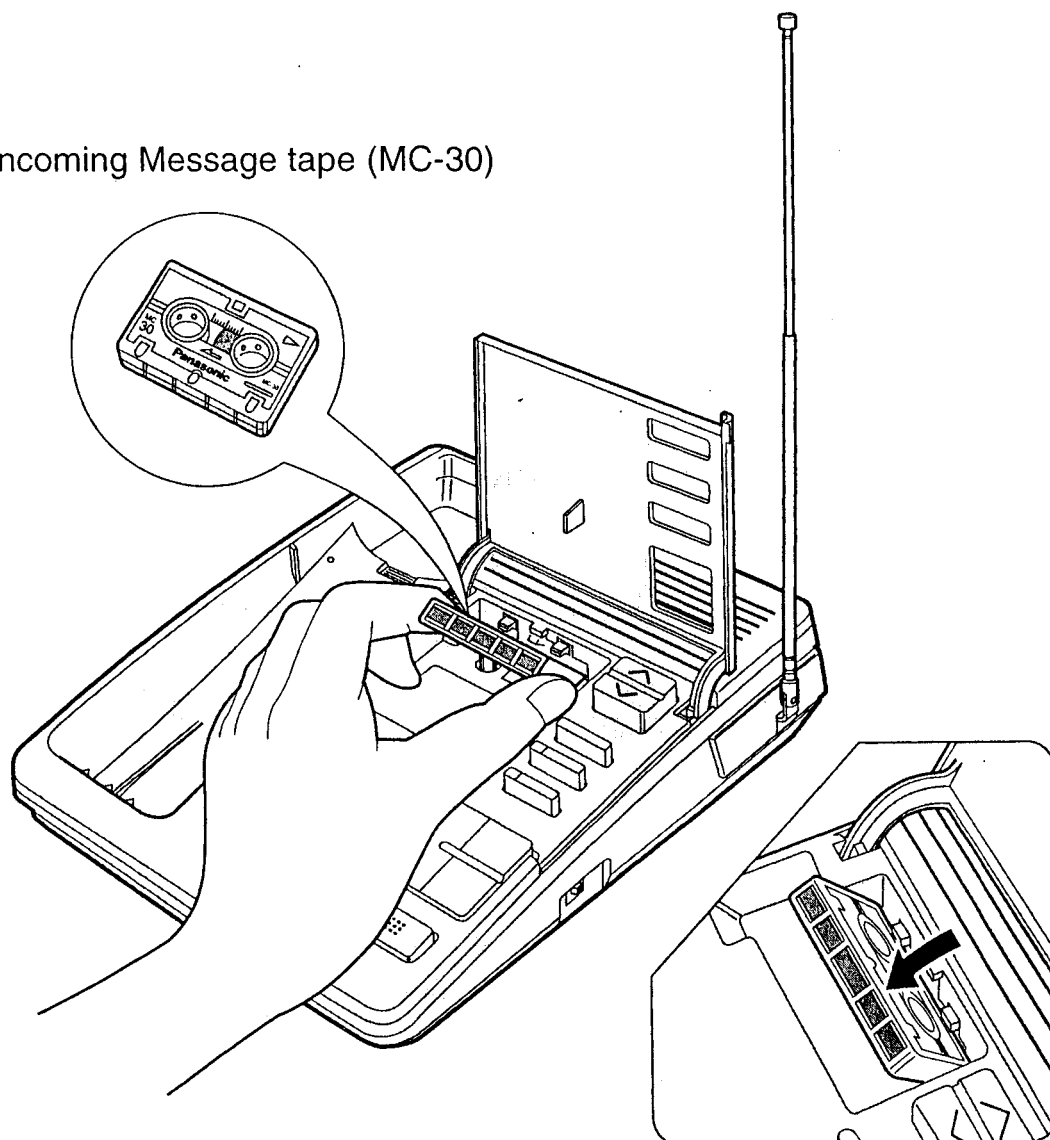


Open the cassette panel.

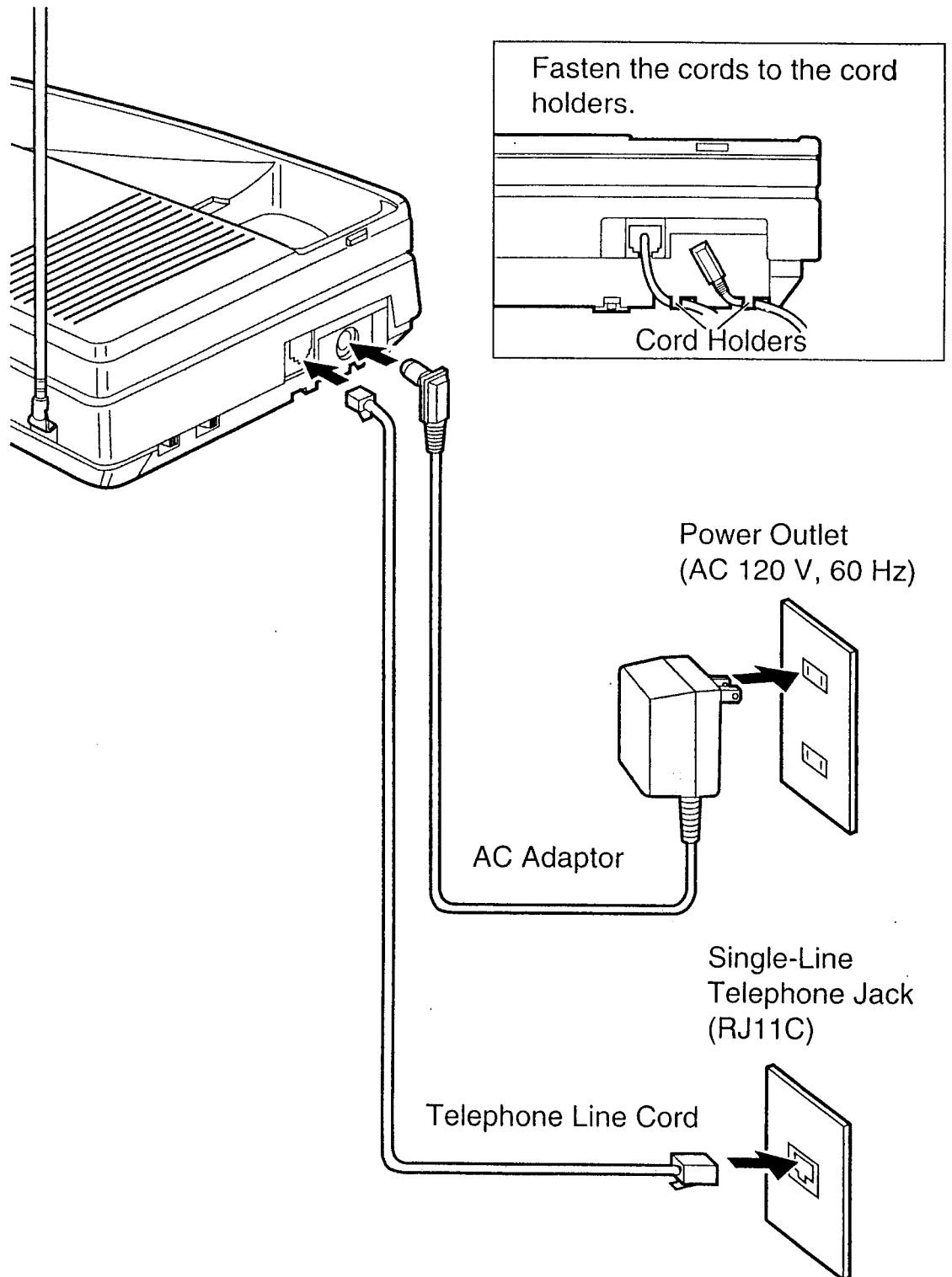


Insert the incoming message tape with the full reel to the right and the exposed tape facing you.

Incoming Message tape (MC-30)



Connection



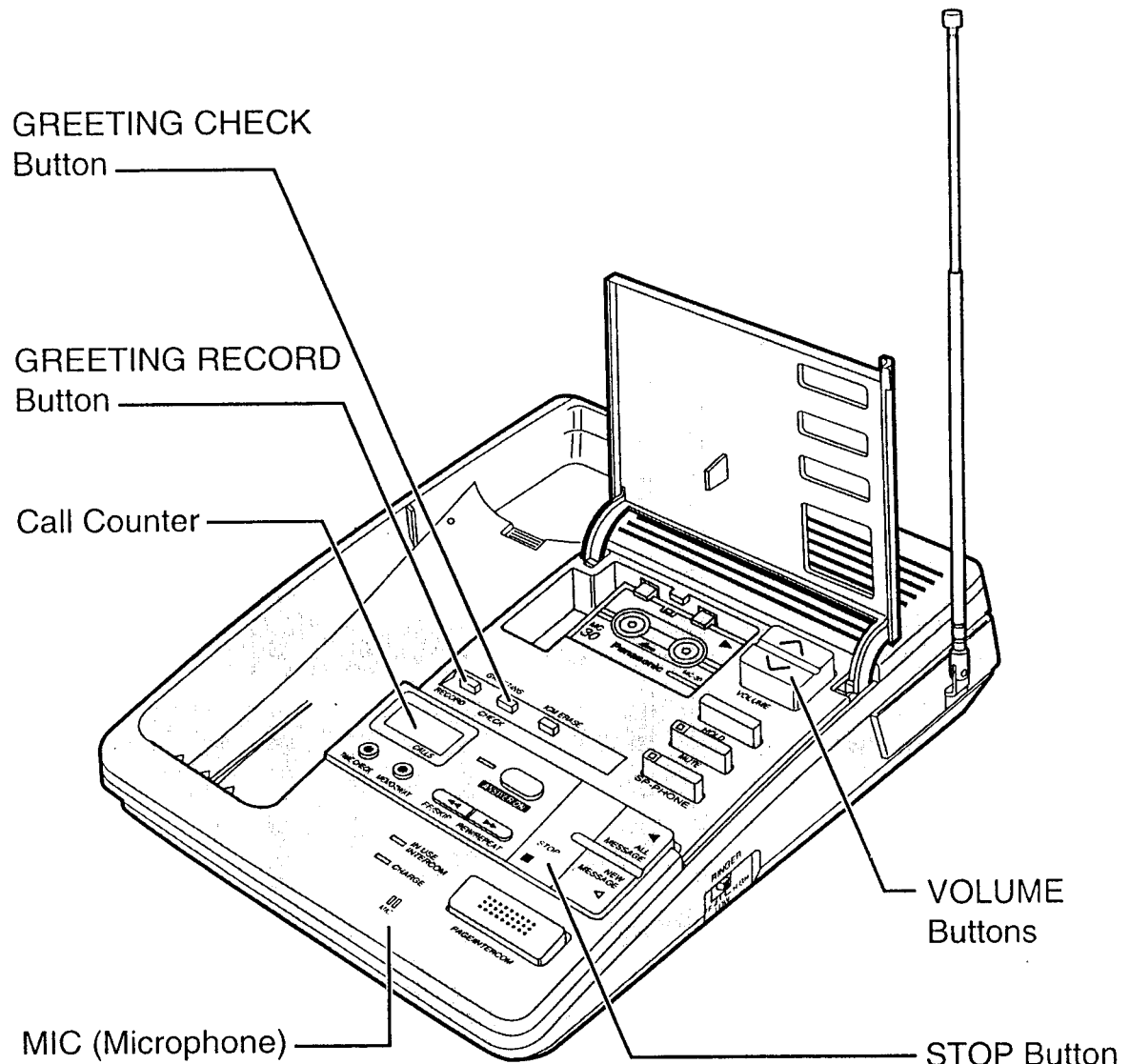
Notes:

- USE ONLY Panasonic AC ADAPTOR KX-A11. The adaptor must remain connected at all times.
- The AC adaptor may feel warm during use. This is normal.
- If you connect a reserve telephone on the same line, see page 49.

Recording a greeting message

The greeting message is recorded on the IC chip. It can never be cleared even if a power failure occurs.

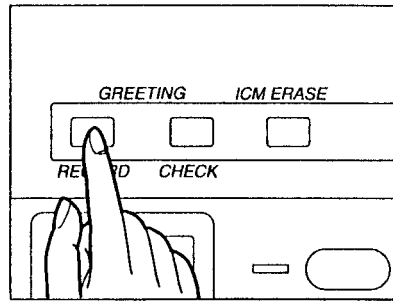
The recording time is **up to 16 seconds**.



Samples of the greeting message

- When the REC TIME selector is set to "VOX (unlimited)" or "1 MIN":
"Hello, this is (your name and/or number). Sorry, I cannot take your call.
Please leave your message after a long beep. Thank you."
- When the REC TIME selector is set to "GREETING ONLY":
"Hello, this is (your name and/or number). Sorry, I cannot take your call. If
you call back tomorrow, I'll be happy to talk to you. Thank you."

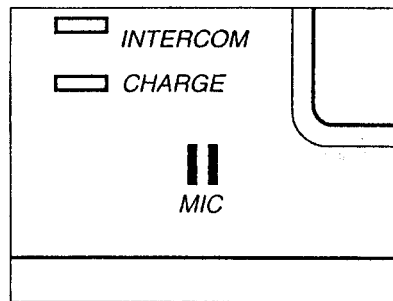
1



Press **GREETING RECORD**, then release it.

- A long beep sounds.

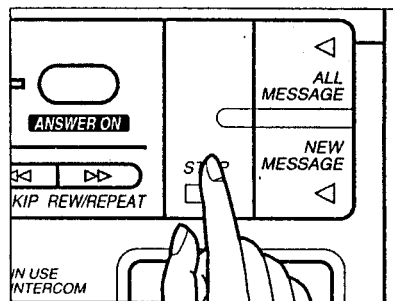
2



Immediately after the long beep, speak clearly 20 cm (8") away from **MIC** (microphone).

- The call counter shows the elapsed recording time.
- "0.0" flashes slowly. It flashes quickly after 13 seconds.

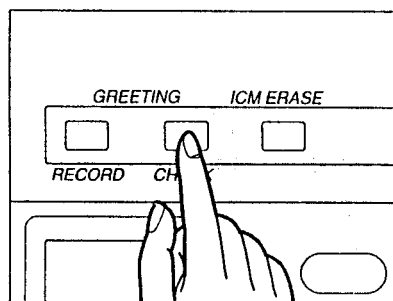
3



When you have finished recording, press **STOP**.

- To change the greeting message, repeat from step 1.

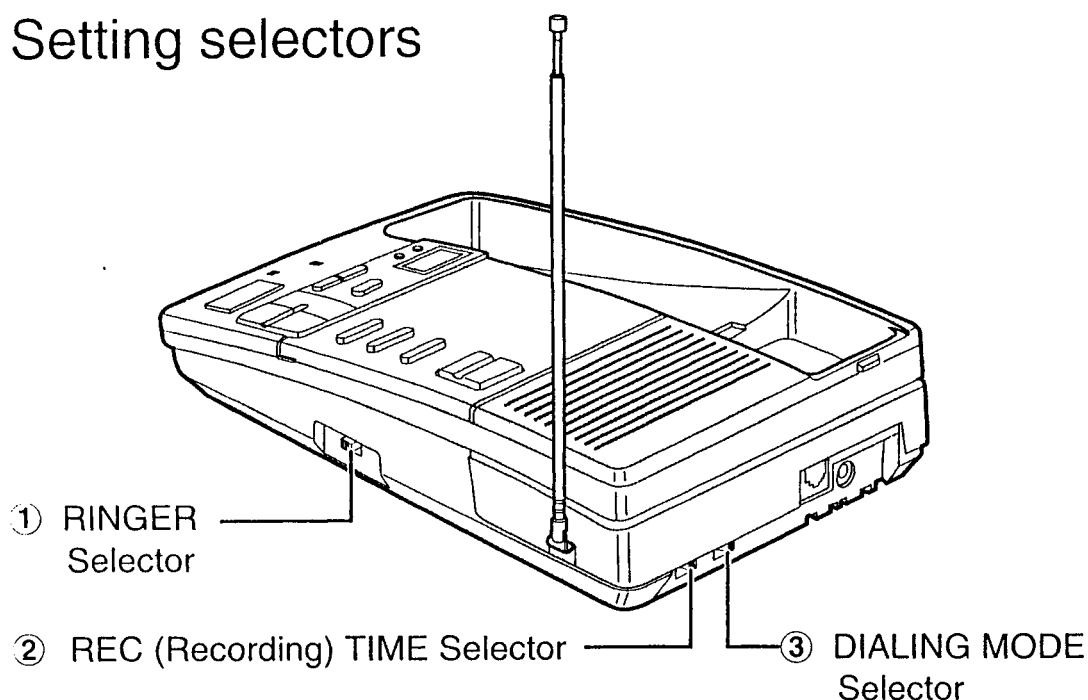
To check the greeting message



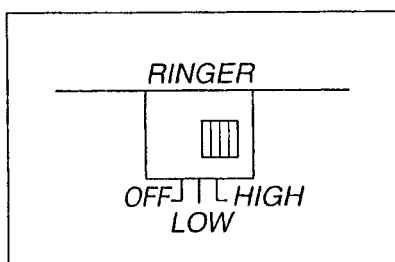
Press **GREETING CHECK**.

- The recorded greeting is played.
- Adjust the speaker volume using the **VOLUME** buttons.
To increase, press .
To decrease, press .

Setting selectors

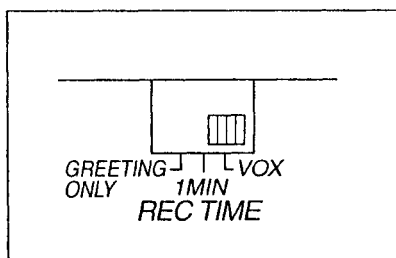


① RINGER Selector



Used to set the ringer volume of the base unit. Set to "HIGH" or "LOW". When set to "OFF", the base unit will not ring.

② REC (Recording) TIME Selector



Select the caller's recording time.

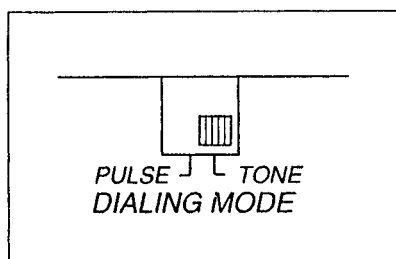
VOX: Unlimited.

1MIN: Limited to 1 minute.

GREETING ONLY:

When a call comes in, the unit answers it, plays the greeting message, then hangs up. The unit will not record any caller's message. "G.O." is displayed.

③ DIALING MODE Selector

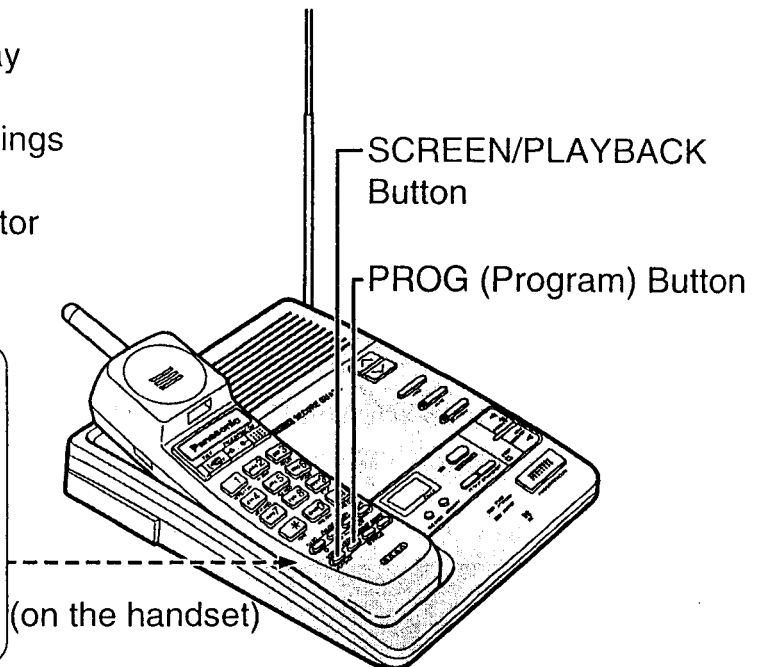
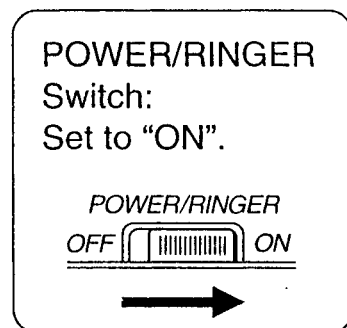


Set to "TONE" when your telephone line has touch tone service. If it has rotary service, set to "PULSE".

Programmable preparations

The following functions can be easily set by using the procedures shown below. **Keep the handset on the base unit while programming.**

- Adjusting the time and day
- Setting the remote code
- Selecting the number of rings
- Setting the CPC function
- Setting the greeting monitor function



Summary of the programming procedures

See the numbered pages for detailed procedures.

Place the handset on the base unit with the dialing buttons facing upward.

Press **PROG.**

Press **SCREEN/PLAYBACK.**

- To adjust the time and day, press "0". See page 18.
- To set the remote code, press "1". See page 36.
- To select the number of rings, press "2". See page 20.
- To set the CPC function, press "3". See page 21.
- To set the greeting monitor function, press "4". See page 21.

When you have finished, press **PROG.**

Note:

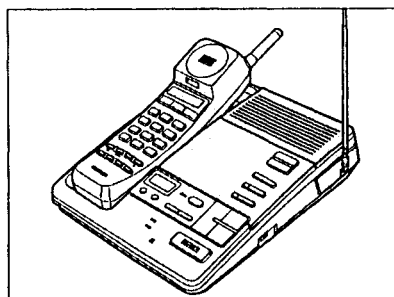
- To cancel the programming halfway, lift the handset.

Time and day adjustment

Voice Time/Day Stamp: A synthesized voice will announce the time and day when each message was recorded after playback.

Make sure that the POWER/RINGER switch is set to "ON" and the TALK and/or the SP-PHONE indicator light is off.

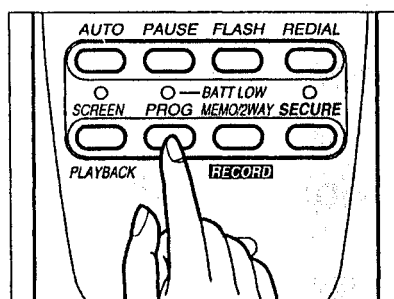
1



Place the handset on the base unit with the dialing buttons facing upward.

- The CHARGE indicator lights.

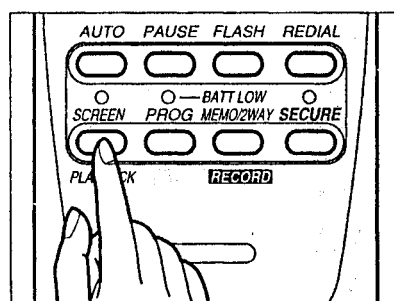
2



Press **PROG**.

- The BATT LOW/PROG indicator lights.

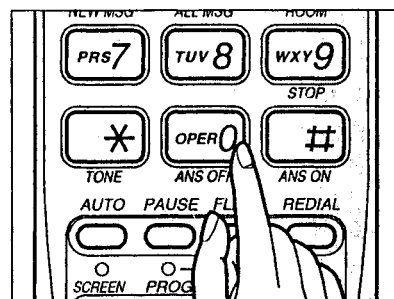
3



Press **SCREEN/PLAYBACK**.

- The indicator lights.
- " P " is displayed on the call counter to show the unit is in the programming mode.

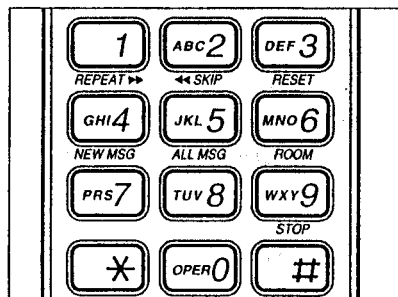
4



Press "0".

- " ⌚ " is displayed.

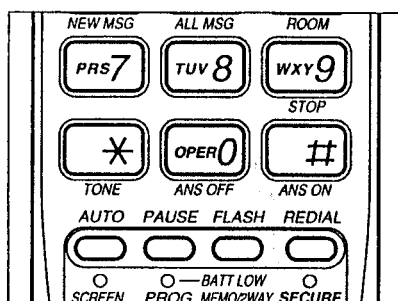
5



Enter the current time (hour and minute) by using a 4-digit number.
(Example: To set "9:30", enter "0930".)

- The entered number is displayed one digit at a time.

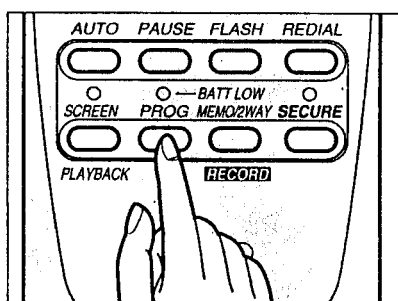
6



Press "*" to select "AM" or "PM".
Press "#" repeatedly to adjust the day.

- The unit announces the setting.
- Adjust the speaker volume by using the VOLUME buttons.

7



When finished, press **PROG**.

- The indicator lights go out and the call counter returns to the number of messages.
- The unit announces the programmed time and day and the clock starts working.

If 6 beeps sound on step 7, it means you have pressed a wrong key while programming. Then restart from step 1.

To check the time and day

Press **TIME CHECK**.

- The unit announces the current time and day.

Notes:

- During a power failure, the programmed time and day retention time is approximately 3 hours.
- The accuracy of the clock will be approximately ± 45 seconds a month at room temperature.

Selecting the number of rings

You can select the number of rings before your answering system answers a call, "1" to "7" or "AUTO (for toll saver)". The factory preset is "AUTO".

1. Place the handset on the base unit with the dialing buttons facing upward.
 - The CHARGE indicator lights.
2. Press **PROG**.
 - The BATT LOW/PROG indicator lights.
3. Press **SCREEN/PLAYBACK**.
 - "P" is displayed on the call counter to show the unit is in the programming mode.
4. Press "2".
 - The current setting is displayed.
5. Press one of the dialing buttons "0" through "7" to set the number of rings.
 - 0: "AUTO" is selected. "A" is displayed.
 - 1-7: The unit will answer on the selected number of rings.
6. When finished, press **PROG**.
 - The indicator lights go out.
 - The call counter returns to the number of messages.

Note:

- On step 5, if you press "8", "9", "~~X~~" or "#" by mistake, 6 beeps will be heard. Press the correct number "0" through "7".

Toll Saver (When set to "AUTO"):

When you call the unit from a touch tone telephone, the number of rings before the unit answers informs you if there are any new messages.

- If the unit answers on the 2nd ring: There is at least one new message.
- If the unit answers on the 4th ring: There are no new messages.

Hang up immediately when you hear the 3rd ring. The 3rd ring indicates there are no new messages. This saves you the toll charge for the call.

Setting the CPC (Calling Party Control) function

The CPC function is preset to "A". If you use call waiting service, set to "b". When set to "A", the call waiting tone will disconnect someone leaving a message.

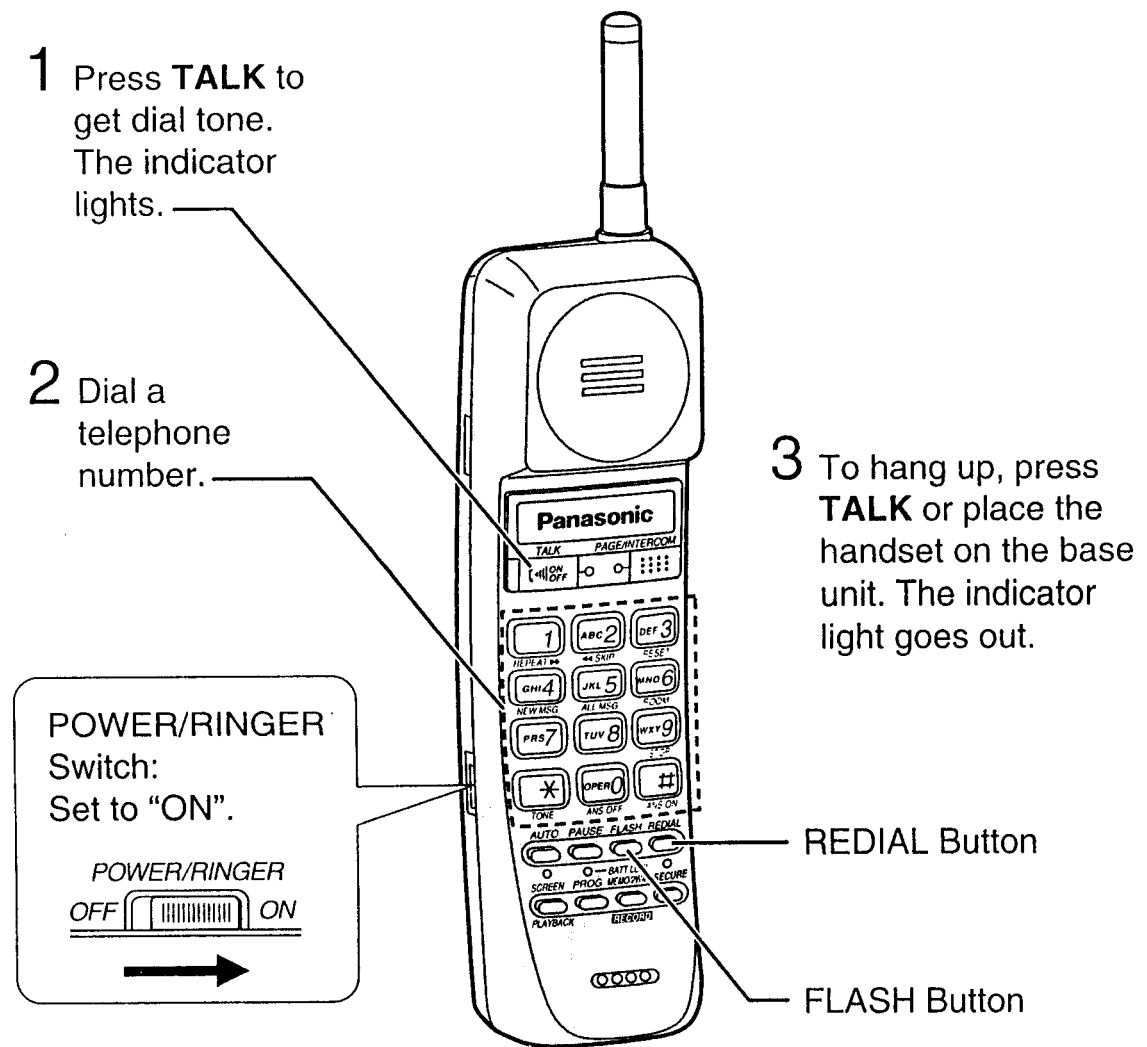
1. Place the handset on the base unit with the dialing buttons facing upward.
2. Press **PROG**.
3. Press **SCREEN/PLAYBACK**.
4. Press **"3"**.
 - The current setting "A" or "b" is displayed.
5. To select "b", press **"2"**.
OR
To select "A", press **"1"**.
 - The setting is displayed.
6. When finished, press **PROG**.

Setting the greeting monitor function

When the greeting message is played back to the caller, you can also hear it through the speaker. If you want to hear, set to "2 (ON)". If you do not want, set to "1 (OFF)".

1. Place the handset on the base unit with the dialing buttons facing upward.
2. Press **PROG**.
3. Press **SCREEN/PLAYBACK**.
4. Press **"4"**.
 - The current setting "1" or "2" is displayed.
5. To set to "2 (ON)", press **"2"**.
OR
To set to "1 (OFF)", press **"1"**.
 - The setting is displayed.
6. When finished, press **PROG**.

Making calls



Note:

- If alarm tone sounds on step 1, move toward the base unit or place the handset on the base unit. Then try again.

If you misdial

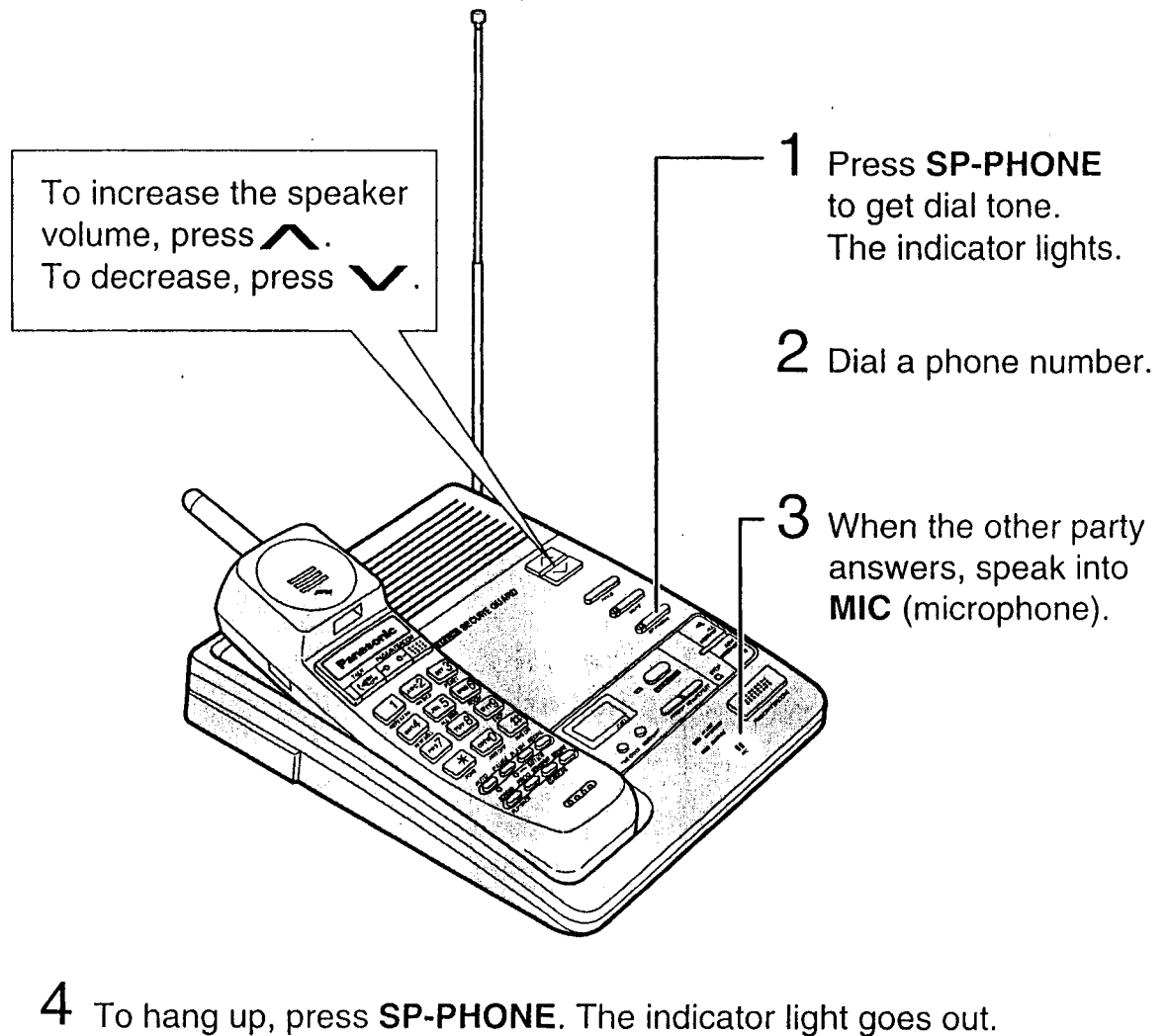
Press **FLASH** firmly. Then you can dial the correct number.

To redial

Press **TALK** to get dial tone, then press **REDIAL**. The last dialed number is automatically redialed.

Making calls with the speakerphone (On-hook dialing)

You can make a call while leaving the handset on the base unit **with the dialing buttons facing upward**. Make sure that the POWER/RINGER switch is set to "ON".



Helpful hints:

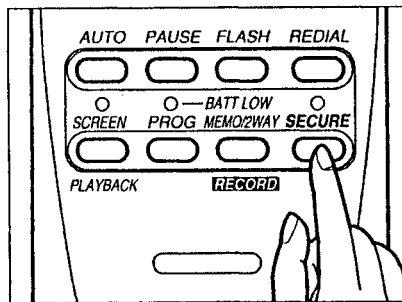
- On steps 1 and 4, you can also use the **TALK** button instead of the **SP-PHONE** button.
- On step 3, you can lift the handset and speak. To hang up, press **TALK** or place the handset on the base unit.

During speakerphone operation:

- Use the speakerphone in a quiet room for best performance.
- If the other party has difficulty hearing you, decrease the volume.
- If you and the other party speak at the same time, parts of your conversation will be inaudible. To avoid this, speak alternately.

Secure guard

This feature scrambles the radio signals and guards your handset conversation from being eavesdropped by other cordless phones.



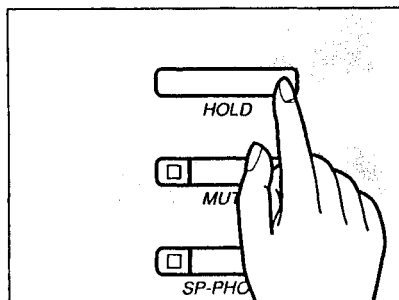
While you are dialing or having a conversation, press **SECURE**.

- The indicator lights.
- To end the mode, press **SECURE** again during use. The indicator light goes out.

Note:

- Even if using this feature, still your call might be eavesdropped with special devices. If your call needs extreme confidentiality, use the speakerphone or a corded telephone on the same line.

Putting a call on hold



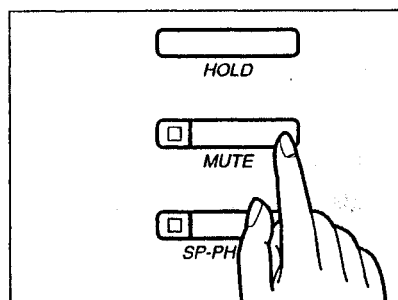
Press **HOLD** during a conversation with the base unit.

- The SP-PHONE indicator light flashes.
- To resume the conversation, press **SP-PHONE**.

Notes:

- If another telephone is connected on the same line, you can also release hold by lifting its handset.
- If you put a call on hold for 6 minutes, warning ringing tone will sound. The call will be disconnected after total 10 minutes.

Muting your conversation



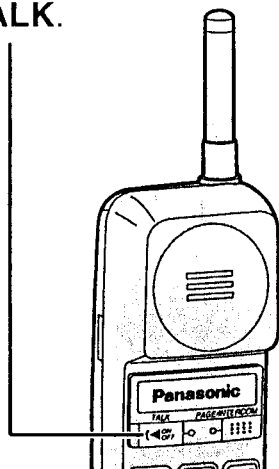
Press **MUTE** during a conversation with the base unit. The indicator lights. The other party cannot hear your voice, but you can hear theirs. To resume the conversation, press **MUTE** again.

Answering calls

With the handset

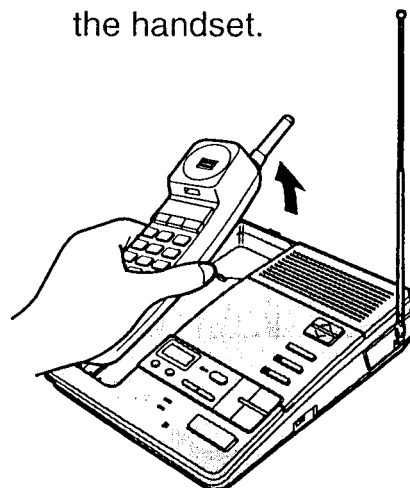
Make sure that the POWER/RINGER switch is set to "ON", or the handset will not ring.

- 1 If the handset is off the base unit, press **TALK**.



OR

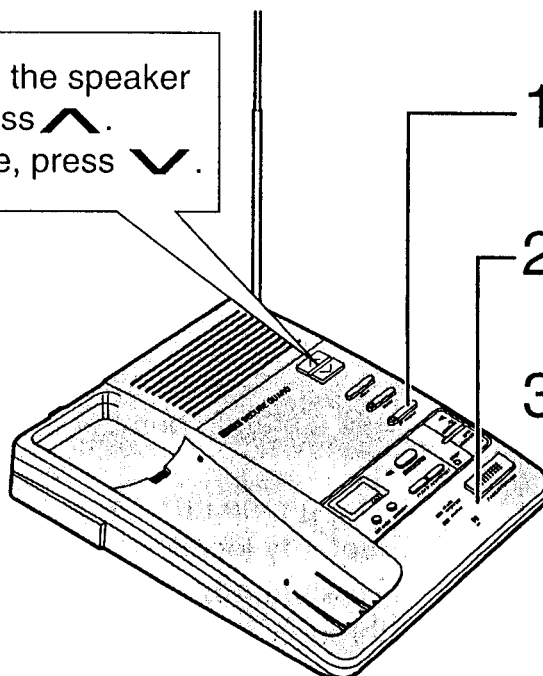
- 1 If the handset is on the base unit, lift the handset.



- 2 To hang up, press **TALK** or place the handset on the base unit.

With the speakerphone of the base unit

To increase the speaker volume, press .
To decrease, press .



- 1 Press **SP-PHONE**.

- 2 Speak into **MIC** (microphone).

- 3 To hang up, press **SP-PHONE**.

Helpful hints:

- On step 2, if the handset is on the base unit with power on, you can lift it and speak.
- For other helpful hints, see "During speakerphone operation" on page 23.

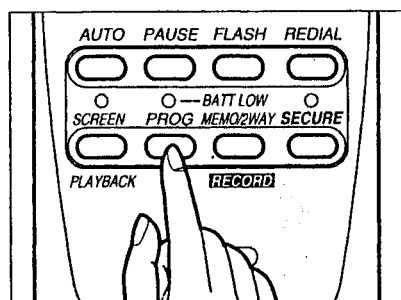
Automatic dialing

The dialing buttons (0 through 9) function as memory stations.
A 16-digit phone number can be stored in each station.

Storing phone numbers in memory

Make sure that the TALK indicator light is off.

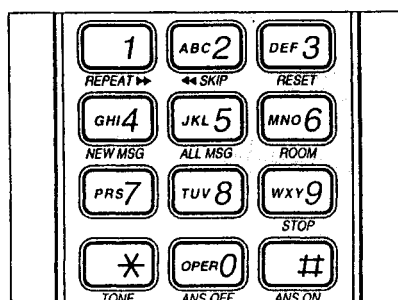
1



Press **PROG**.

- The BATT LOW/PROG indicator lights to show the unit is in the programming mode.

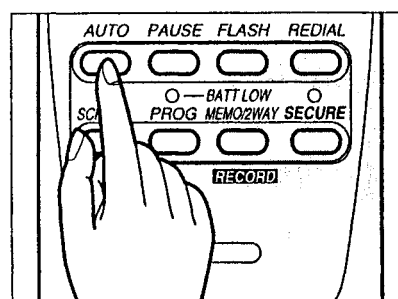
2



Enter a phone number up to 16 digits.

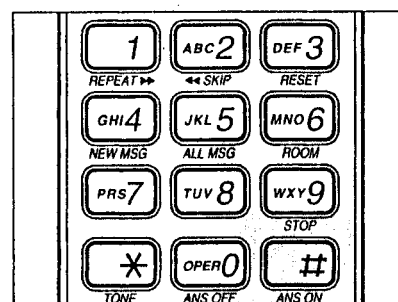
- If you misdial, press **PROG** to end the programming, then restart from step 1.

3



Press **AUTO**.

4



Press a station number (0 through 9).

- The phone number is stored in the memory location.
- To store other numbers, repeat steps 1 through 4.

To confirm a stored number

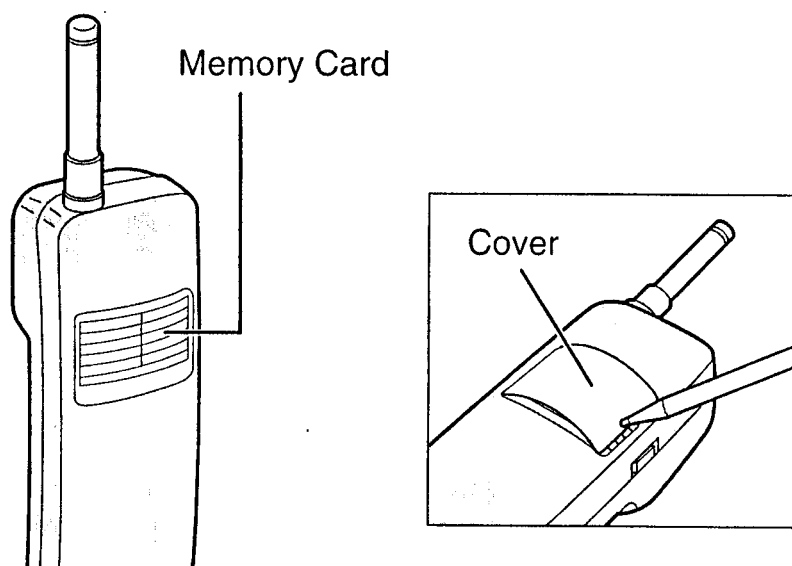
Store the phone number in the same memory station as the phone number you want to confirm. If you hear 2 beeps, the newly stored number is the same as the previously stored one. If you hear 1 beep, the number is different.

To erase a stored number

1. Press **PROG**, then **AUTO**.
2. Press the dialing button of the memory station for the phone number to be erased.

Memory card

Pull out the memory card and write down the names or phone numbers associated with automatic dialing.



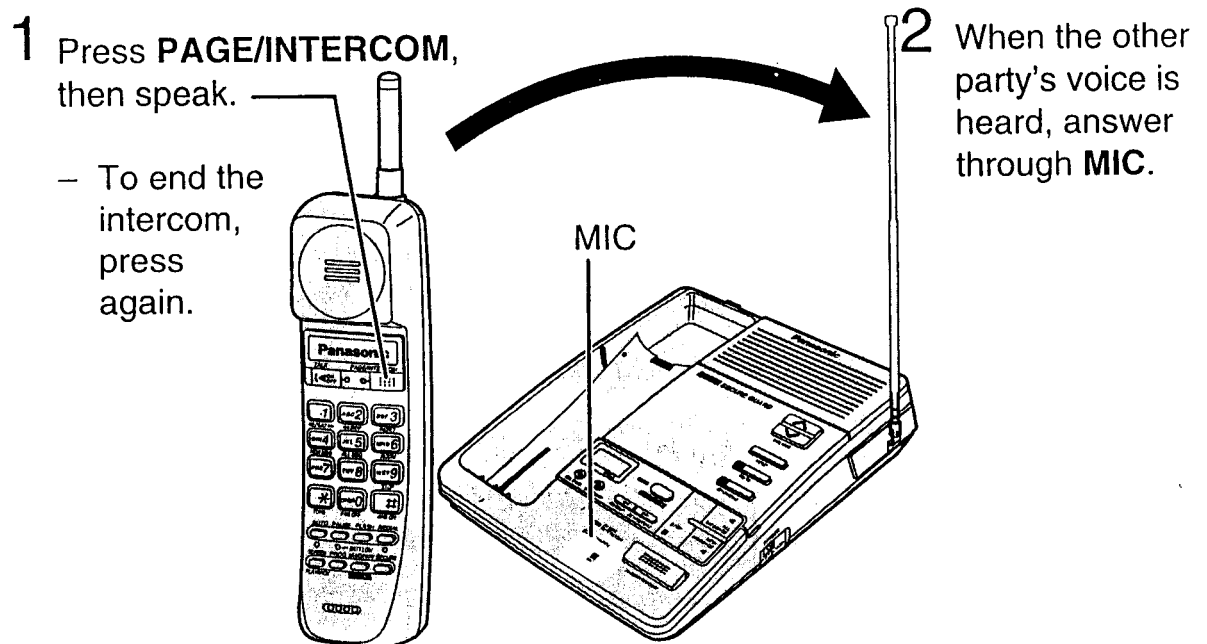
Dialing a stored number from memory

1. Press **TALK** to get dial tone. (If the handset is on the base unit with the dialing buttons facing upward, you can also use the SP-PHONE button.)
2. Press **AUTO**.
3. Press the station number (0 through 9).
 - The stored phone number is dialed automatically.

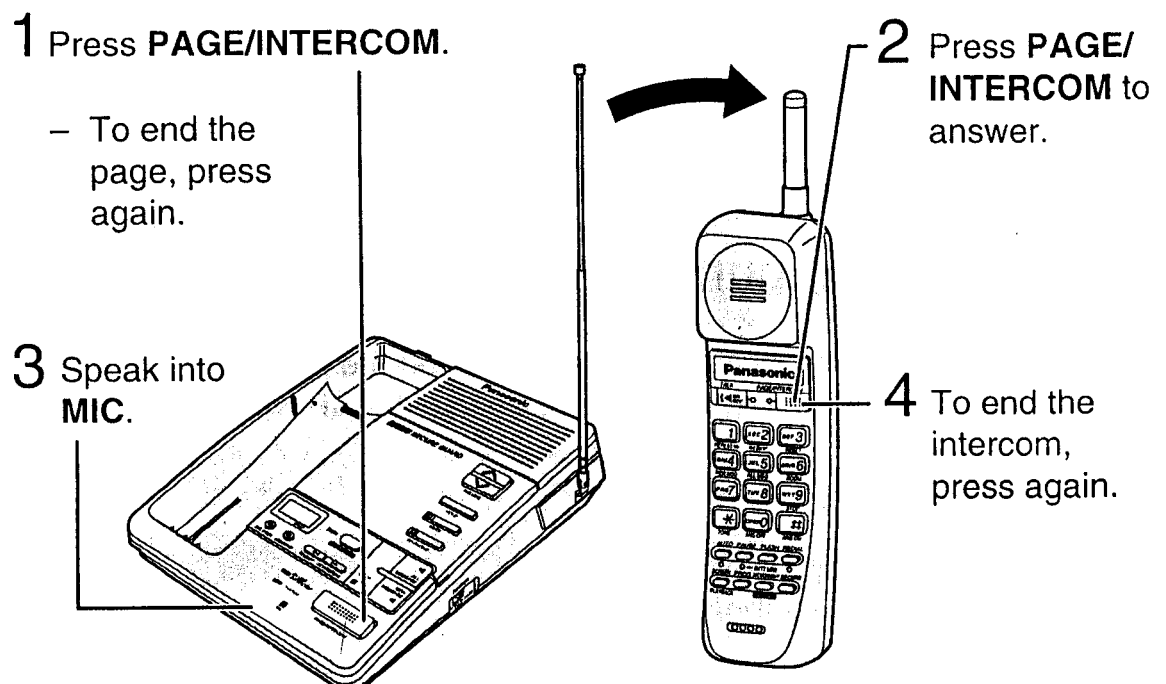
Intercom between the handset and the base unit

2-way intercom is available between the handset and the base unit.
Intercom calls can only be ended by the handset.

Paging the base unit from the handset



Paging the handset from the base unit



During the intercom:

- You can adjust the speaker volume with the **VOLUME** buttons (p. 23). If the other party has difficulty hearing you, decrease the volume.
- If two tones sound, it means a call is received. To answer it, press **TALK** or **SP-PHONE**. The intercom is ended.

Transferring a call using the intercom

The intercom can be used during an outside call. This feature enables you to transfer the call between the handset and the base unit.

Transferring from the handset to the base unit

1. **Handset:** During a conversation, press **PAGE/INTERCOM** to page the base unit.
 - The outside call is put on hold.
2. **Base unit:** When the paging party's voice is heard, answer through **MIC**.
3. **Base unit:** To answer the outside call, press **SP-PHONE**.
 - The transfer is completed.
 - Handset user can join the conversation by pressing **TALK**.

Transferring from the base unit to the handset

1. **Base unit:** During a conversation, press **HOLD** to put the call on hold.
 - The SP-PHONE indicator flashes.
2. **Base unit:** Press **PAGE/INTERCOM** to page the handset.
3. **Handset:** Press **PAGE/INTERCOM** to answer the page.
4. **Handset:** To answer the outside call, press **TALK**.
 - The transfer is completed.
 - Base unit user can join the conversation by pressing **SP-PHONE**.

Other features

Using the hookswitch feature

The FLASH button functions as the hookswitch on a regular phone. If you misdial or dial another phone number, press **FLASH** firmly. The call is terminated and you hear dial tone. You can then dial the next phone number.

If your unit is connected to a PBX, pressing **FLASH** lightly allows you to use special features of the PBX such as transferring an extension call.

Using call waiting service

To use this feature, you must subscribe to the call waiting service offered by your local telephone company.

1. If another party calls you during a conversation, you will hear a tone.
2. Press **FLASH** lightly.

The first call is put on hold and you can answer the second call. To return to the first caller, press **FLASH** again. The second call is put on hold.

Temporary tone dialing

If your line has rotary service, pressing **TONE** (✕) allows you to change the dialing mode temporarily to tone. You can dial the numbers or codes needed to operate the answering system or to use electronic banking services and other special services.

When you hang up, the dialing mode returns to pulse automatically.

For PBX users

If your unit is connected to a PBX, you need to dial an access number (usually 9) to get an outside line. In this case, inserting a pause between the access number and the phone number is necessary, especially when redialing or storing the number in memory. Pressing **PAUSE** once makes a 3.5-second pause.

Automatic security code setting

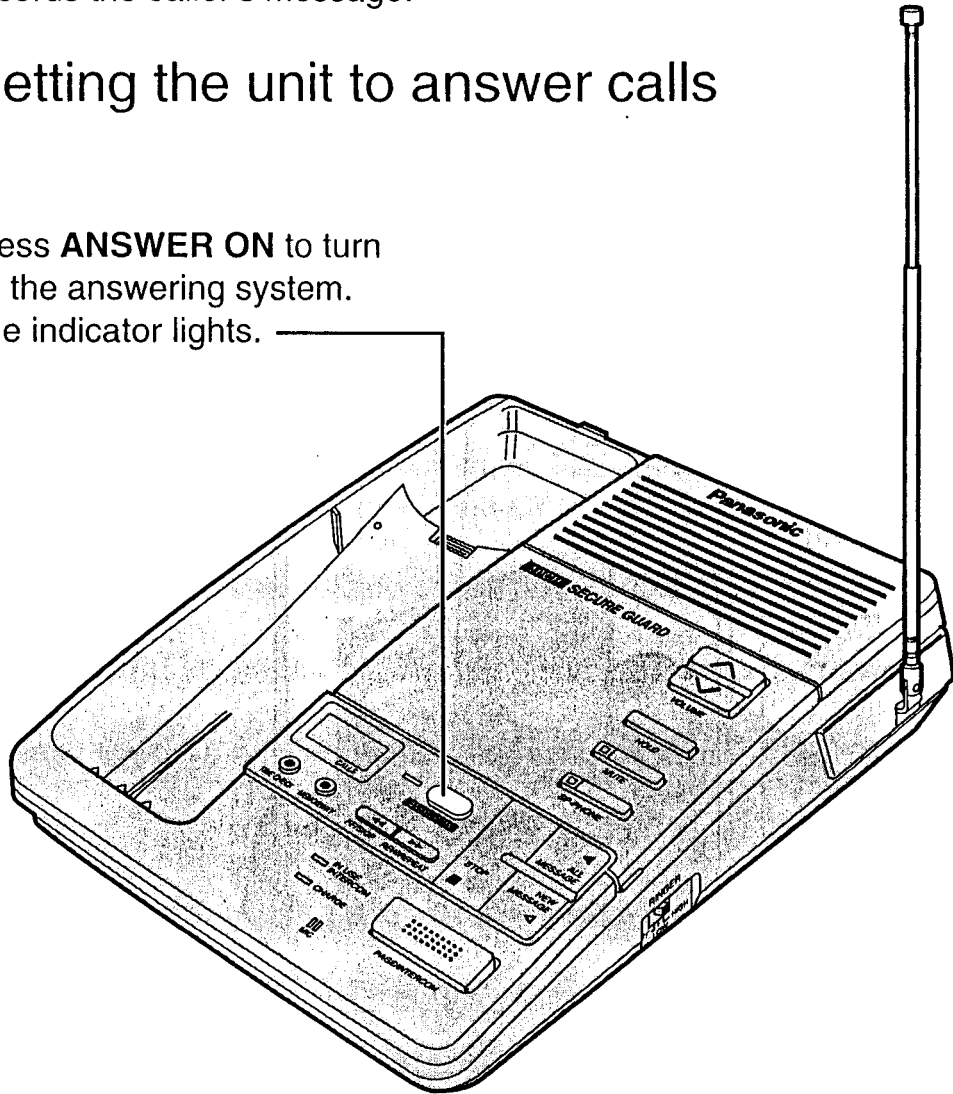
Whenever you place the handset on the base unit, the unit automatically selects one of 1,000 security codes. This code helps to avoid unauthorized use of your telephone line by another cordless telephone in your area.

Automatic answering operation —

When a call is received, the unit plays back your greeting message and records the caller's message.

Setting the unit to answer calls

Press **ANSWER ON** to turn on the answering system. The indicator lights.



Helpful hints:

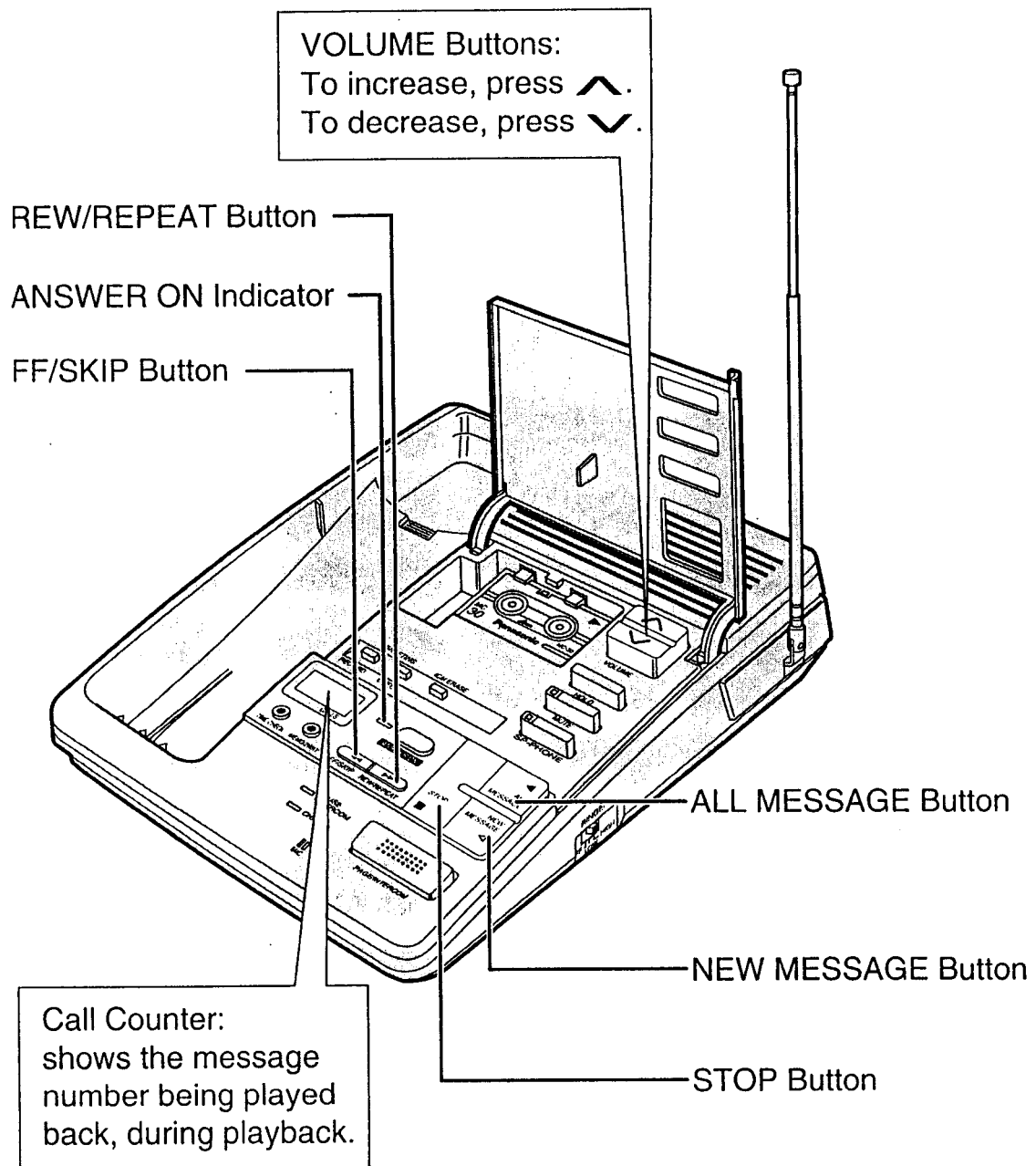
- If you do not want the unit to answer calls, press **ANSWER ON** to turn off. The indicator light goes out.
- If you left home without turning on the answering system, you can turn it on remotely with a touch tone phone (p. 40).

Monitoring incoming calls

While an incoming call is being recorded, you can monitor it through the speaker. Adjust the volume with the **VOLUME** buttons. To answer the call while monitoring, press **SP-PHONE** or **TALK**, the unit stops recording. To use this feature with the handset, see page 44.

Listening to the recorded messages

- When new incoming messages have been recorded, the ANSWER ON indicator flashes while the answering system is turned on.
- The call counter shows the number of recorded messages up to 30.

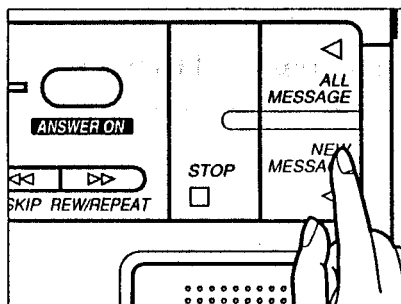


Note:

- The call counter remains "30", if the number of messages exceeds 30. However, the messages can be recorded to the tape end.

Listening to new messages only

Messages once reviewed will not be played back.

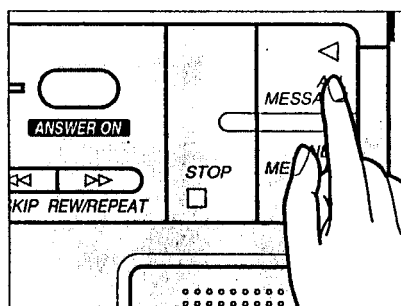


Press **NEW MESSAGE**.

- The unit rewinds the tape and starts playback.
- At the end of playback, 3 beeps sound and the tape stops automatically.

Listening to all the recorded messages

All the recorded messages — including those previously reviewed or saved — will be played back from the beginning of the tape.

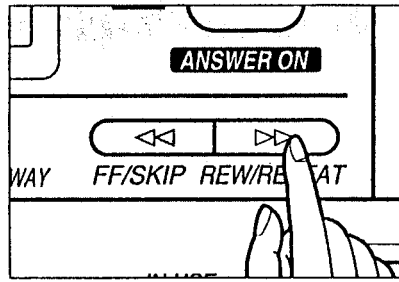


Press **ALL MESSAGE**.

- The unit rewinds the tape and starts playback.
- At the end of playback, 3 beeps sound and the tape stops automatically.

To repeat the message:	Press REW/REPEAT during message playback. (If you press the button within 5 seconds of the playback, the previous message is played.)
To skip the message:	Press FF/SKIP during the message playback. The next message is played.
To rewind the tape to the beginning:	Press REW/REPEAT when the unit is not in playback.
To forward the tape to the end of last message:	Press FF/SKIP when the unit is not in playback.
To stop the operation:	Press STOP .

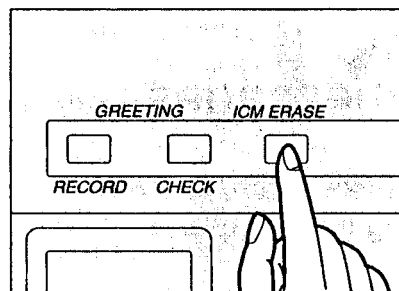
Resetting the incoming message tape



Press **REW/REPEAT** when the unit is not in playback.

- The tape is rewound to the beginning and new messages will be recorded over the old ones.
- The call counter shows "0".

Erasing the incoming messages



Press **ICM ERASE** after listening to all the recorded messages.

- The unit erases all the recorded messages while the tape rewinds.
- The call counter shows "0".

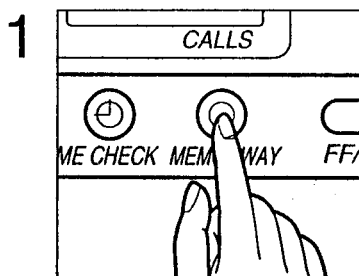
Saving the specified messages

All the recorded messages are saved until you reset the tape or erase the messages. If you wish to save some messages only, do as follows:

1. Press **ALL MESSAGE** to play back the messages.
2. Press **STOP** at the end of the messages you want to save.
3. Press **ANSWER ON** to turn on the answering system.
 - The indicator lights.
 - The new messages will be recorded after the message(s) you have saved.

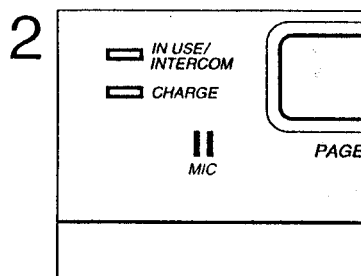
Recording a memo message

You may record a personal message on the tape. To use this feature with the handset, see page 44.

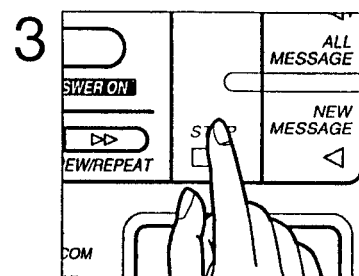


Press **MEMO/2WAY**.

- A long beep sounds.



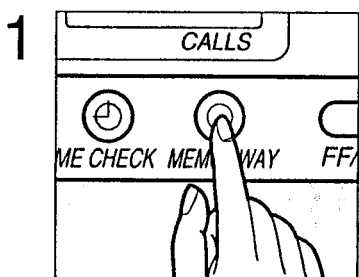
After the beep, speak clearly into **MIC** (microphone).
– “” flashes.



When finished, press **STOP**.

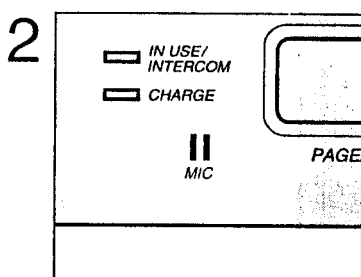
Recording a telephone conversation

While speaking with someone with the base unit, you can record the conversation. To use this feature with the handset, see page 44.



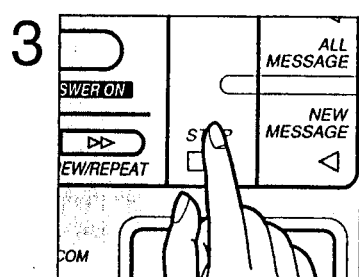
During a conversation, press **MEMO/2WAY**.

- A beep sounds.



Continue the conversation through **MIC**.

- “” flashes.



When finished, press **STOP**.

Note:

- Many states have imposed regulations on the manner in which 2-way telephone conversations may be recorded, so you should inform the other party that the conversation is being recorded. Consult your local telephone company for further information.

Remote operation from a touch tone phone

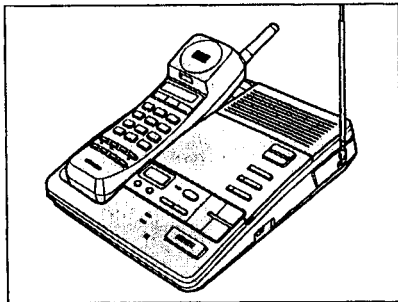
You can operate the answering system from any touch tone phone.

Setting the remote code number

The remote code prevents unauthorized persons from accessing your unit and listening to your messages. Choose any **2-digit number (00-99)**. The factory preset is "11".

Make sure that the POWER/RINGER switch is set to "ON" and the TALK and/or the SP-PHONE indicator light is off.

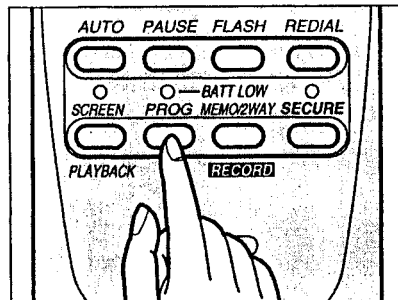
1



Place the handset on the base unit with the dialing buttons facing upward.

- The CHARGE indicator lights.

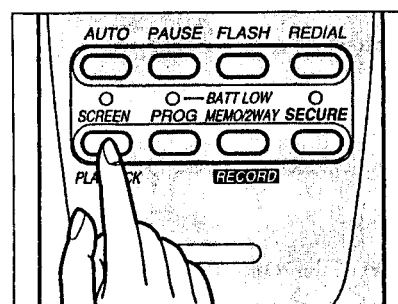
2



Press **PROG**.

- The BATT LOW/PROG indicator lights.

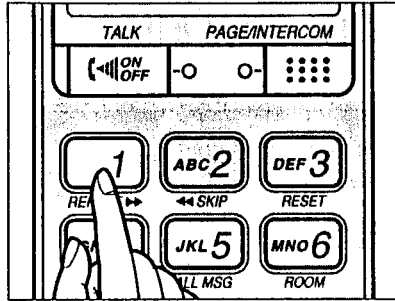
3



Press **SCREEN/PLAYBACK**.

- The indicator lights.
- "P" is displayed on the call counter to show the unit is in the programming mode.

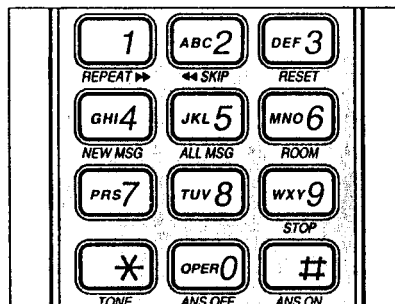
4



Press "1".

- The current remote code number is displayed.

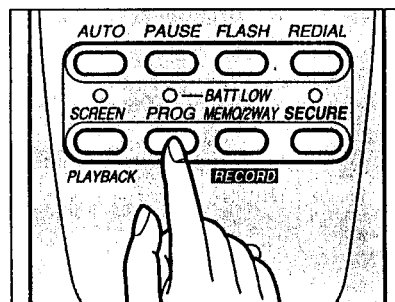
5



Enter the remote code number by using a 2-digit number.

- The entered number is displayed.
- If 6 beeps sound, it means you have entered "✖" or "#" by mistake. Enter the correct number.

6



When finished, press **PROG**.

- The indicator lights go out.
- The call counter returns to the number of messages.

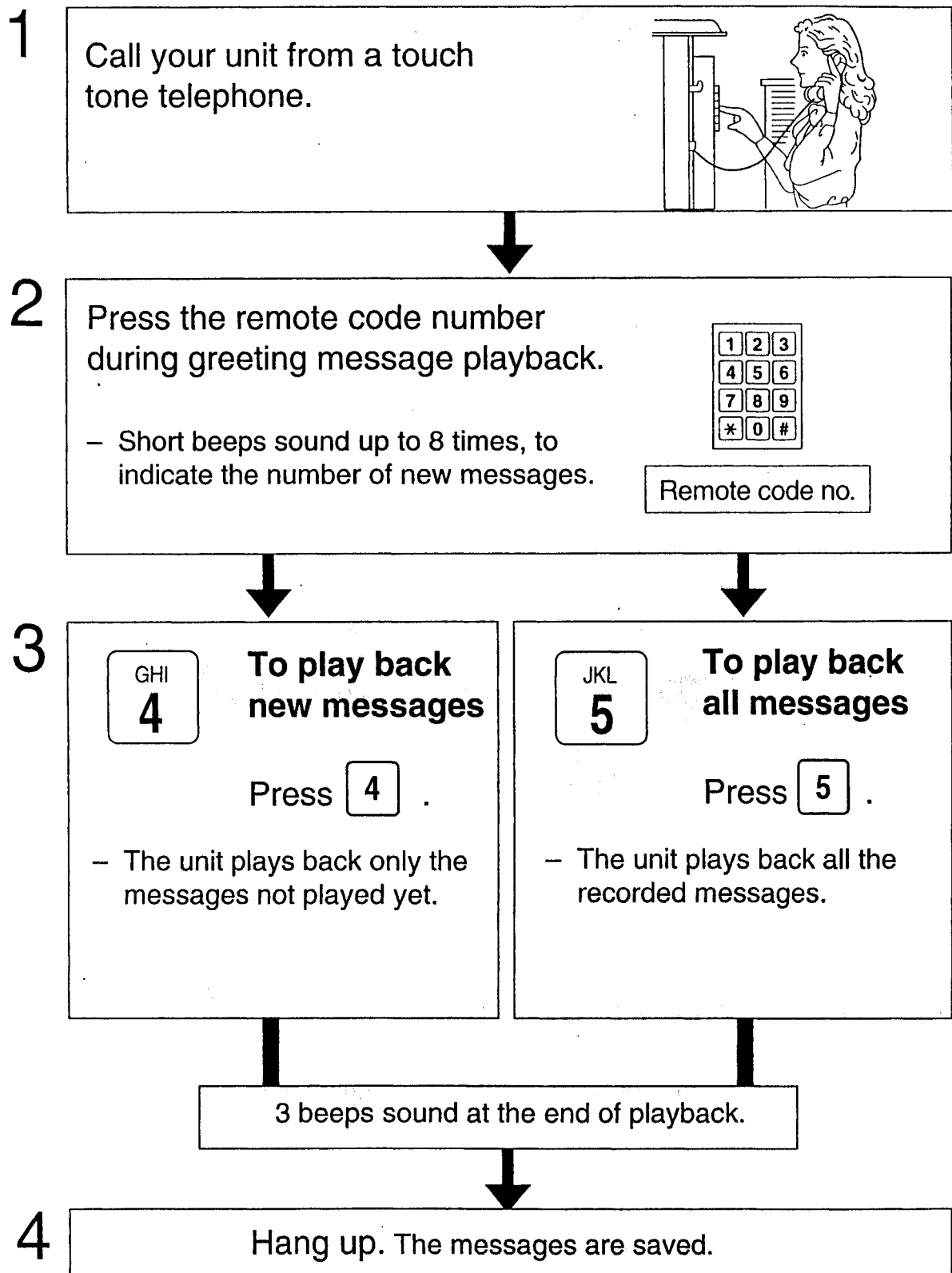
Note:

- If 6 beeps sound on step 6, it means you have pressed a wrong key while programming. Then restart from step 1.

To check the remote code number

1. Place the handset on the base unit with the dialing buttons facing upward.
2. Press **PROG**, then press **SCREEN/PLAYBACK**.
3. Press "1". The current remote code number is displayed.
4. When finished, press **PROG**.

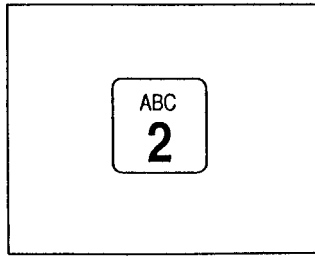
Remote operation



Note:

- If you hear 6 long beeps after playing back messages, the incoming message tape is full, so reset the tape (p. 39) or erase the messages manually at the base unit (p.34).

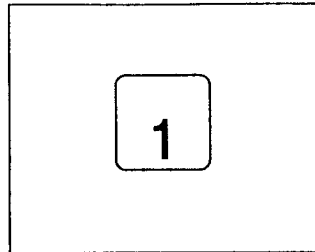
During playback



To skip the message

Press **2** .

- The unit forwards the tape to the beginning of the next message and starts playback.



To repeat the message

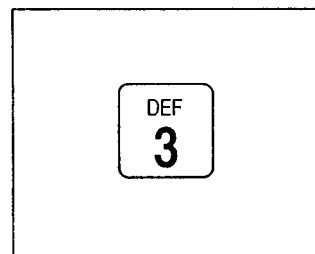
Press **1** .

- The unit rewinds the tape to the beginning of the message and starts playback.

Helpful hint:

- To stop playback temporarily, press “9”. To resume it, press “9” again within 15 seconds. Otherwise the call will be disconnected.

To reset the tape after playback



Press **3** within 10 seconds.

- When you played all messages, the tape rewinds to the beginning.
- When you played only new messages, the tape rewinds to the beginning of new messages.
- A beep sounds after rewinding the tape.

To rewind the tape to the beginning after new message playback:

Press **3** again after hearing a beep (the tape has been reset).

- The unit rewinds the tape to the beginning.

To cancel the resetting of the tape:

Press **2** .

(continued on the next page→)

Recording the greeting message

1. Call your unit and press the remote code number during greeting message playback.
2. Press **7** .
 - A long beep sounds.
3. Speak immediately after the long beep.
 - The recording time is up to 16 seconds.
4. When finished, press **9** .
 - The newly recorded greeting will be played.

Monitoring the room sound

You can monitor the sound in the room where the base unit is installed for 30 seconds.

1. Call your unit and press the remote code number during greeting message playback.
2. Press **6** .
 - When 30 seconds are up, a beep sounds .
 - To monitor further, Press **6** again within 10 seconds.

Skipping the greeting message

Callers can record messages without listening to your greeting.

- Call your unit, then press ***** during greeting message playback.
- The unit skips the rest of the greeting and starts recording.

Recording your own message (Marker message)

You can record your own message on the tape after listening to the last message.

1. After 3 beeps indicating the end of the last message, wait for 10 seconds and speak your message when 2 beeps sound.
2. When finished, hang up.

Turning on the answering system

1. Call your unit and wait for 15 rings.
 - The unit will answer and the greeting message is heard.
 - Hang up or enter the remote code number for more options.

Turning off the answering system

1. Call your unit and press the remote code number during greeting message playback.
2. Press **0** , then hang up.
 - The answering system is turned off.

Remote operation from the handset

You can operate your answering system from the handset.



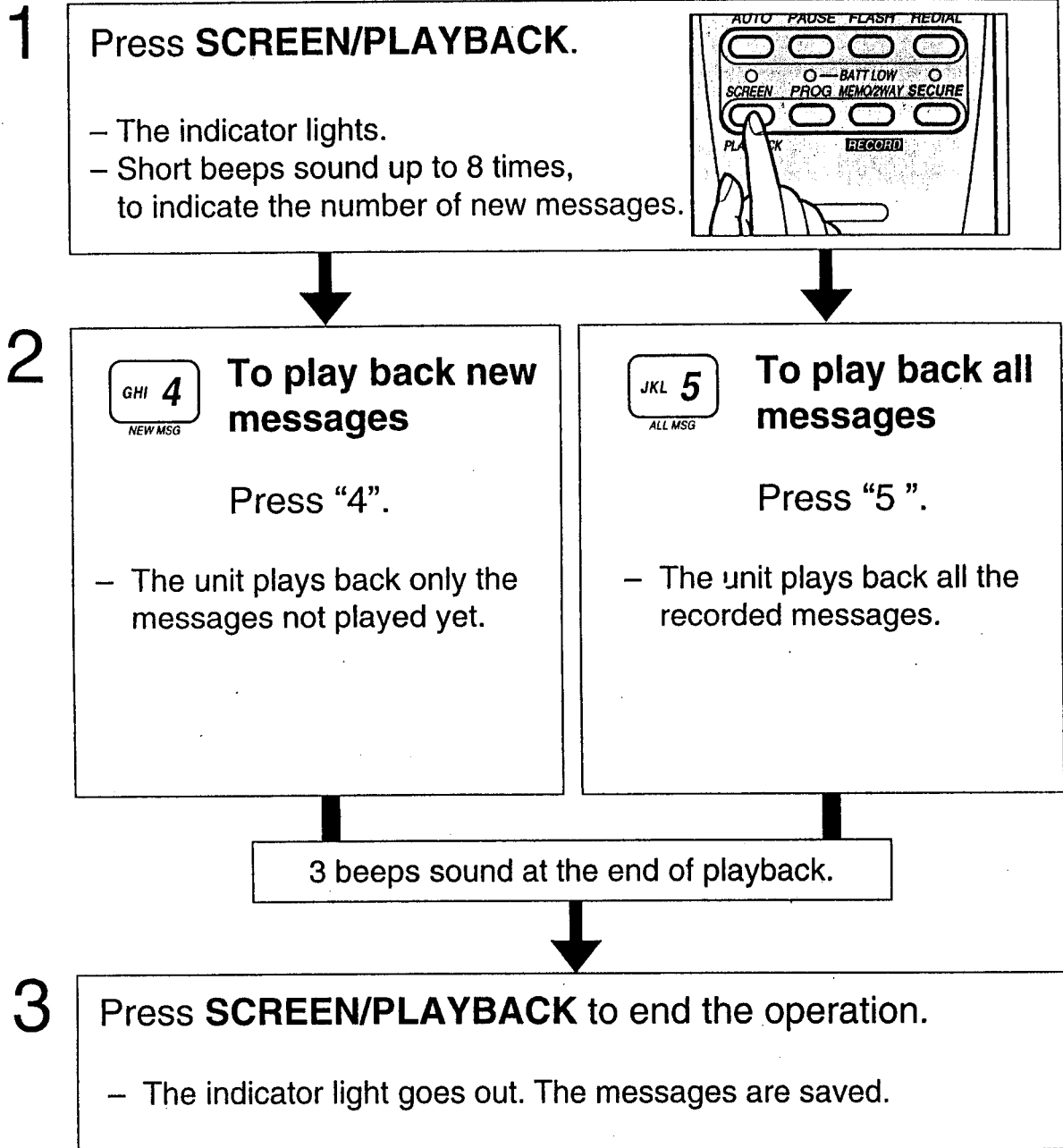
If the SCREEN/PLAYBACK indicator flashes when you press **SCREEN/PLAYBACK**, the answering system is off. To set the unit to answer calls, press "#".

Answering system

Note:

- When an incoming message has been recorded, 4 short beeps sound twice on the handset.

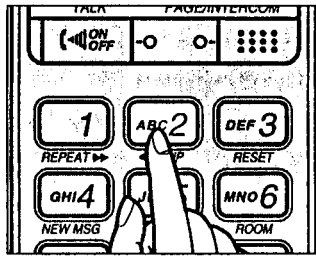
Remote operation



Helpful hint:

- To stop playback temporarily, press “9”. To resume it, press “9” again within 15 seconds. Otherwise the remote operation will be terminated.

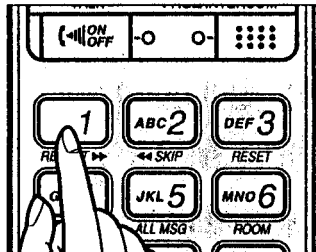
During playback



To skip the message

Press "2".

- The unit forwards the tape to the beginning of the next message and starts playback.

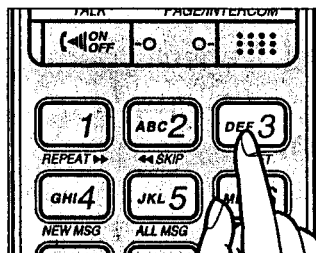


To repeat the message

Press "1".

- The unit rewinds the tape to the beginning of the message and starts playback.

To reset the tape after playback



Press "3".

- When you played all messages, the tape rewinds to the beginning.
- When you played only new messages, the tape rewinds to the beginning of new messages.
- A beep sounds after rewinding the tape.

To rewind the tape to the beginning after new message playback:

Press "3" again after hearing a beep (the tape has been reset).

- The unit rewinds the tape to the beginning.

To cancel the resetting of the tape:

Press "2".

(continued on the next page→)

Monitoring the room sound

You can monitor the sound in the room where the base unit is installed for 30 seconds.

1. Press **SCREEN/PLAYBACK**.
2. Press "6".
 - When 30 seconds are up, a beep sounds.
 - To monitor further, press "6" again within 10 seconds.
3. When finished, press **SCREEN/PLAYBACK**.

Monitoring incoming calls

When the **SCREEN/PLAYBACK** indicator flashes slowly, an incoming message is being recorded.

1. Press **SCREEN/PLAYBACK**.
 - The indicator turns to a steady light and you can listen to the incoming call.
 - To answer the call, press **TALK**. The recording is ended.
2. When finished, press **SCREEN/PLAYBACK**.

Recording your own message

1. Press **MEMO/2WAY RECORD**.
 - The **SCREEN/PLAYBACK** indicator lights and a long beep sounds.
2. Speak after the long beep.
3. When finished, press **MEMO/2WAY RECORD**.
 - The indicator light goes out.

Recording your telephone conversation

1. During a conversation, press **MEMO/2WAY RECORD**.
 - The **SCREEN/PLAYBACK** indicator lights.
2. Continue your conversation.
3. When finished, press **MEMO/2WAY RECORD**.
 - The indicator light goes out.

Note:

- Many states have imposed regulations on the manner in which 2-way telephone conversations may be recorded, so you should inform the other party that the conversation is being recorded. Consult your local telephone company for further information.

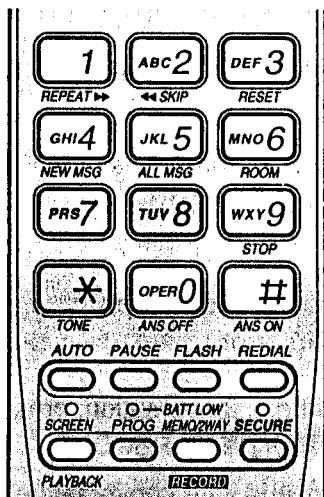
Turning on the answering system

1. Press **SCREEN/PLAYBACK**.
2. Press "#".
 - The **SCREEN/PLAYBACK** indicator lights.

Turning off the answering system

1. Press **SCREEN/PLAYBACK**.
2. Press "0".
 - The **SCREEN/PLAYBACK** indicator light flashes and the answering system is turned off.

OPERATION FROM HANDSET



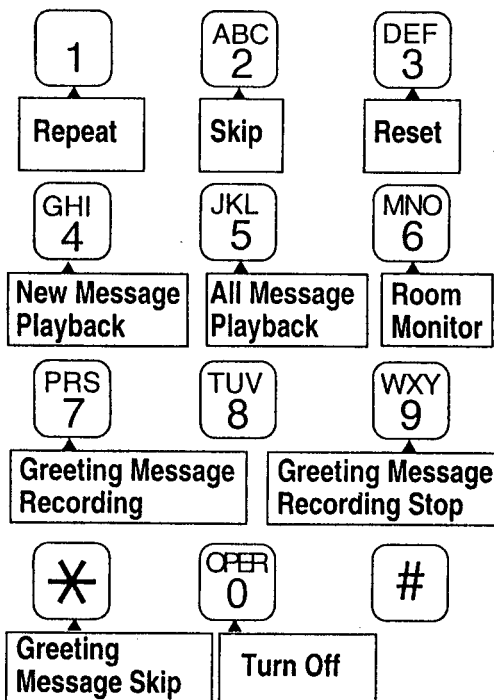
If the SCREEN/PLAYBACK indicator flashes when you press **SCREEN/PLAYBACK**, the answering system is off. To set the unit to answer calls, press "#".

Press **SCREEN/PLAYBACK**.

- To play back all messages, press "5".
- To play back new messages, press "4".
- To repeat, press "1".
- To skip, press "2".
- To reset the tape after playback, press "3".

Press **SCREEN/PLAYBACK** to end the operation.

OPERATION FROM TONE PHONE

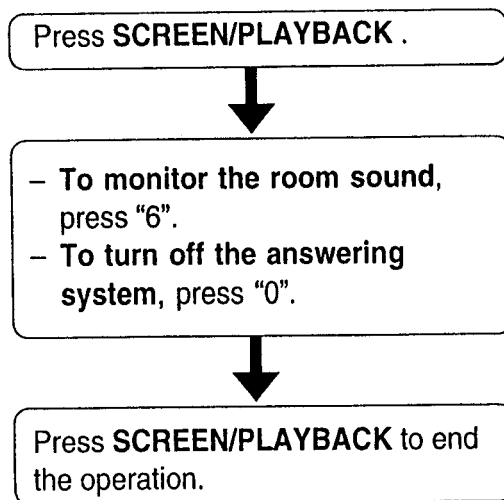


Call your unit.

Press remote code no. _____

- To play back all messages, press **5**.
- To play back new messages, press **4**.
- To repeat, press **1**.
- To skip, press **2**.
- To reset the tape after playback, press **3**.
- To record your own message, speak after hearing 2 beeps at the end of playback.
- To save the messages, hang up after playback.

When you press a button, press firmly.



To monitor incoming calls:

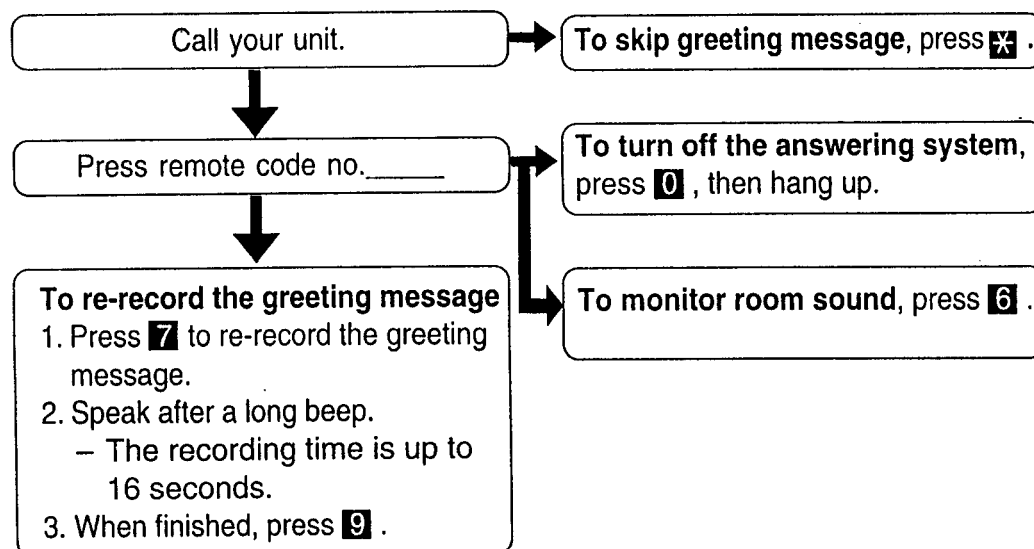
When the **SCREEN/PLAYBACK** indicator flashes slowly, press **SCREEN/PLAYBACK**. When finished, press the button again.

To record your own message:

1. Press **MEMO/2WAY RECORD**.
2. Speak after the long beep.
3. When finished, press **MEMO/2WAY RECORD**.

To record your telephone conversation:

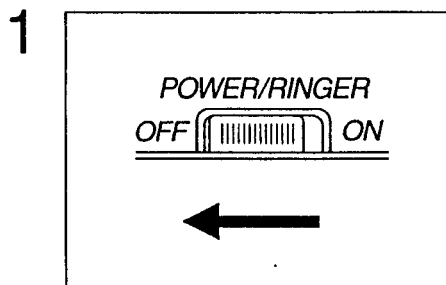
1. During a conversation, press **MEMO/2WAY RECORD**.
2. Continue your conversation.
3. When finished, press **MEMO/2WAY RECORD**.



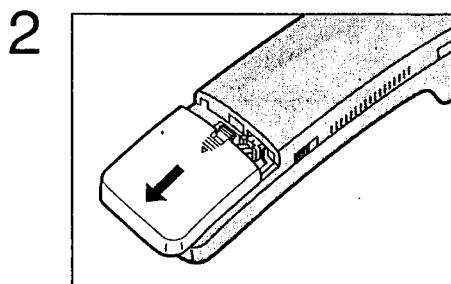
To turn on the answering system, call your unit and wait for 15 rings. The unit will answer, then hang up.

Battery replacement

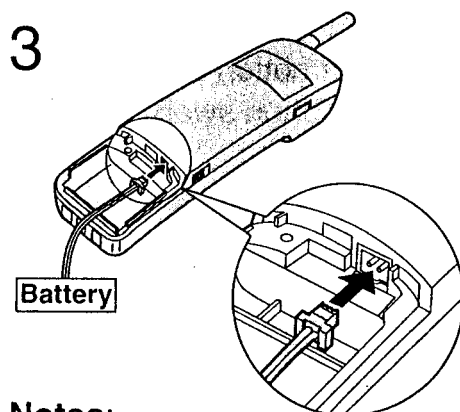
Replace the battery with a new one if the BATT LOW/PROG indicator flashes after a few telephone calls even when the battery has been charged fully.



Set the POWER/RINGER switch to "OFF" to prevent memory loss.



Remove the battery compartment cover.



Replace the battery.

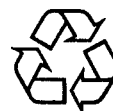
- When you finish, close the cover and set the POWER/RINGER switch to "ON".
- Complete the replacement within 5 minutes, or memory may be lost.

Notes:

- Please use only Panasonic KX-A36A battery. For accessory order, call toll free 1-800-332-5368.
- Remember to charge the battery fully after battery replacement.

Attention:

- The product that you have purchased contains a rechargeable battery. The battery is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.

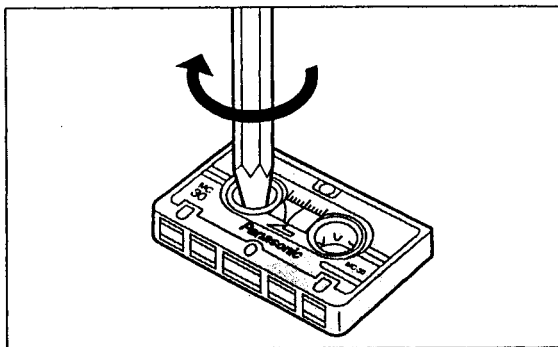


Ni-Cd

Maintenance of cassette tape and deck

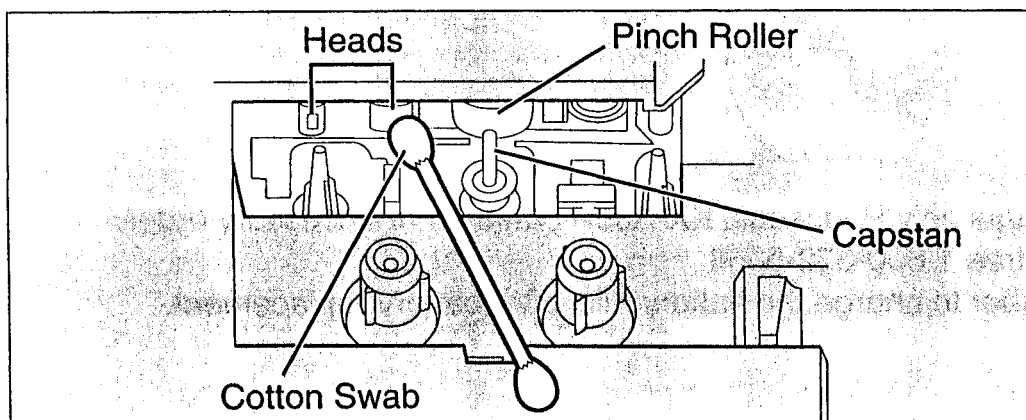
Cassette tape

- For optimum sound quality and performance, we recommend you **use the opposite side of the cassette tape after six months and replace the tape with a new one every year**, assuming that the unit answers about ten calls a day.
- Never place a cassette tape near a magnetic source, such as a magnet or a TV set; because it may erase or distort the recorded message(s) on the tape.
- Slack in the tape can be tightened by rotating the tape reel with an instrument like a pencil, as shown.



Tape deck

Since the head and capstan assemblies are in contact with the tape, dirt and residue from the tape may easily adhere to these parts, causing distortion. These parts should be cleaned periodically in the manner described below. Clean the head surface, pinch roller, and capstan with a cotton swab. If these surfaces are extremely dirty, wipe them with the cotton swab dampened with alcohol, then wipe them with a dry soft cloth.

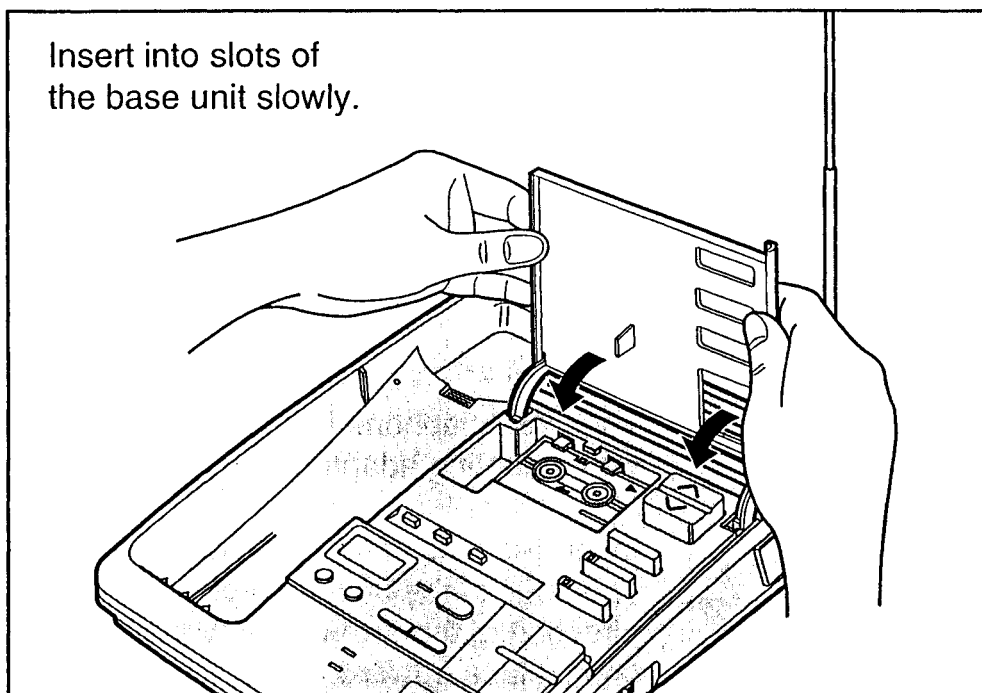


Notes:

- Do not bring magnetic or metal objects, such as a screwdriver, near the head assemblies, as such objects could magnetize the heads.
- Do not oil any part of the unit.

Cassette panel installation

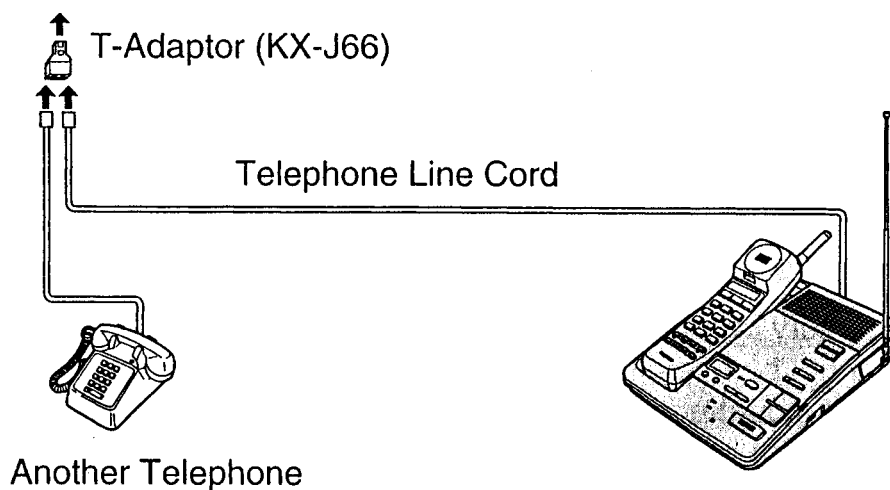
If the panel comes off, replace it by pushing as shown.



Connection to another telephone —

If you connect a reserve telephone (standard telephone) on the same line, please purchase a Panasonic T-adaptor KX-J66. For accessory order, call toll free 1-800-332-5368.

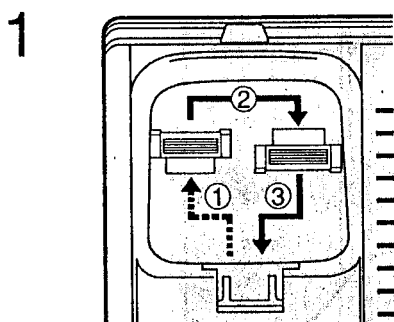
To Single-Line Telephone Jack



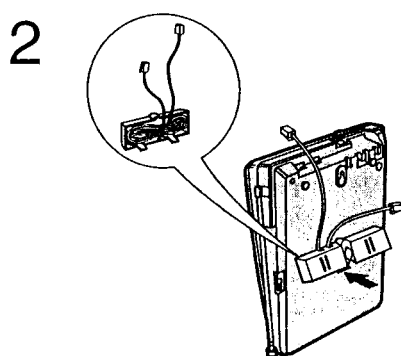
Other information

Wall mounting

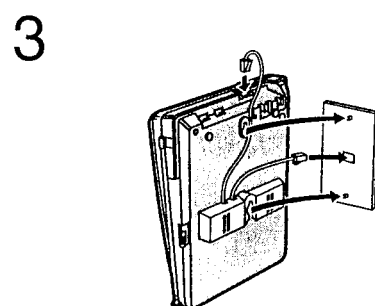
This unit can be mounted on a wall phone plate. If you do not have one, consult your telephone company or an installer.



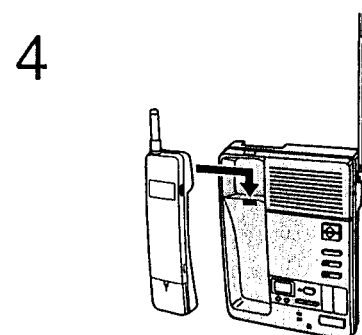
Remove the handset guide from the base unit (①) then turn over (②) and replace it with the tab upward (③).



Tuck the telephone line cord inside the wall mounting adaptor.



Insert the tabs of the adaptor into the openings of the unit, then push it in the direction of the arrow. The word "UP" should face upward.



To charge the handset battery:

Place the handset as shown.

- The CHARGE indicator light is on.
- The handset cannot be mounted on the base unit with the dialing buttons facing upward.

Notes:

- The handset battery continues to charge when in the wall mount position. The battery cannot be overcharged.
- When in the wall mount position, programmable preparation such as time/day adjustment is not available. We recommend you do it beforehand. See page 17.

Troubleshooting guide

Cordless telephone

Static, sound cuts in and out, fades. Interference from other units.

- Electrical interference may cause static and poor range. Set the handset and the base unit away from other electrical appliances.
- You may be too far from the base unit. Move toward it.
- Extend the base unit antenna.
- Change the channel.

When I press the TALK or PAGE/INTERCOM button of the handset, alarm tone sounds.

- Move toward the base unit and try again.
- Place the handset on the base unit and try again.
- Make sure that the AC adaptor is connected.

The handset does not operate or ring.

- The POWER/RINGER switch is set to "OFF". Set to "ON".

The base unit does not ring.

- The RINGER selector is set to "OFF". Set to "HIGH" or "LOW".

I cannot store a phone number in memory.

- You cannot store the number in memory while the unit is in the talk, speakerphone or intercom mode.
- Do not pause for over 30 seconds while storing.

While storing a phone number, the unit starts to ring.

- You can answer the call by pressing **TALK** or **SP-PHONE**. The program will be canceled; store the phone number again.

I cannot page the handset from the base unit.

- Paging cannot be done while the handset is having an outside call.
- Set the POWER/RINGER switch to "ON".
- The handset is too far from the base unit.

While having an intercom call, two tones are heard.

- Someone is calling you from outside. To answer, press **TALK** or **SP-PHONE**.

Answering system


The answering system is on, but no incoming messages are recorded.

- The REC TIME selector is set to "GREETING ONLY". Change it to "VOX" or "1MIN".
- The incoming message tape is full. Reset it or erase the messages (p. 34).

I cannot operate the answering system from a touch tone phone.

- Make sure that you press your correct remote code number.
- In some areas, a remote touch tone phone may not function due to telephone line conditions, such as noise, echo, etc.
- The answering system may not respond if the touch tone phone produces tones that are too short to activate the unit. Press each button firmly.
- The answering system is off. Turn it on (p. 40).

I cannot operate the answering system at the base unit.

- The handset user is operating the answering system. Wait until the display " goes out.

Some incoming messages have not been recorded up to the end.

- Set the CPC function to "b" (p. 21).

I cannot operate the answering system with the handset.

- Someone is operating the answering system.
- You are too far from the base unit. Move toward it.

During playback, the sound level is low, even if the volume level is set to maximum.

- Clean the heads (p. 48).

4 short beeps are heard twice from the handset.

- A new message has just been recorded.

While operating the answering system from the handset, two tones are heard.

- Someone is calling you from outside. To answer, press **TALK**. The remote operation is ended.

General

The BATT LOW/PROG indicator flashes.

Beep tones sound every 15 seconds during a conversation.

- Charge the battery fully (p. 3).

I charged the battery fully, but the BATT LOW/PROG indicator flashes after a few telephone calls.

- Clean the charge contacts and charge again.
- It is time to change the battery. Please replace with a new one (p. 47).

I cannot set the programmable preparation such as the time/day adjustment (p. 17).

- Programming is not available while the unit is in the talk, speakerphone or intercom mode.

While setting the programmable preparation, the unit starts to ring.

- You can answer the call by pressing **TALK** or **SP-PHONE**. The program will be canceled; do the programming procedure again.

While setting the programmable preparation, 6 beeps sound.

- You have pressed a wrong key. Enter the correct key as instructed.

The unit does not work.

- The connection of the unit was made improperly (p. 13).
- The handset battery becomes weak. Charge the battery fully.
- The security codes in the handset and the base unit are not the same. Place the handset on the base unit.

While operating the unit, the AC adaptor feels warm.

The CHARGE indicator light never goes out while the handset is on the base unit.

- These are normal conditions.

I cannot use the unit during a power failure.

- The unit will not function during a power failure. We recommend you connect a reserve telephone and use it during a power failure (p. 49).

Important safety instructions

When using this unit, basic safety precautions as below should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this unit.
3. Unplug this unit from wall outlets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this unit near water, for example, near a bath tub, wash bowl, kitchen sink, or the like.
5. Install this unit securely on a stable surface. Serious damage may result if the unit falls.
6. Do not cover slots and openings of the unit, for they are provided for ventilation and protection against overheating. Never place the unit near radiators, in/ or a place where proper ventilation is not provided.
7. Use only the power source as marked on the unit. If you are not sure of the type of the power supply to your home, consult your dealer or local power company.
8. Do not place objects on the power cord. Install the unit where no one can step on the cord.
9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
10. Never push any objects into this unit through slots as they may result in risk of fire or electric shock. Never spill any liquid on the unit.
11. To reduce the risk of electric shock, do not disassemble this unit, but take it to a qualified serviceman when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
12. Unplug this unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. When the power supply cord or plug is damaged or frayed.
 - B. If liquid has been spilled into the unit.
 - C. If the unit has been exposed to rain or water.
 - D. If the unit does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions, for improper adjustment may require extensive work by a qualified technician.
 - E. If the unit has been dropped or damaged.
 - F. If the unit exhibits a distinct change in performance.

13. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of electric shock from lightning.
14. Do not use this unit to report a gas leak in the vicinity of it.

SAVE THESE INSTRUCTIONS

CAUTION:

To reduce the risk of fire or injury to persons, read and follow these instructions.

1. Use only the battery(ies) instructed.
2. Do not dispose of the battery(ies) in a fire. The cell may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
5. Charge the battery(ies) provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

INSTALLATION:

1. Never install telephone wiring during a lightning storm.
2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.

WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

FCC and other information —

If requested by the telephone company, inform them as follows:

FCC registration No.
(found on the bottom of the unit)
Ringer Equivalence 0.2B

The particular telephone line to which the equipment is connected.

This unit must not be connected to a coin operated line.

If you are on a party line, check with your local telephone company.

Ringer Equivalence No. (REN):

The REN is useful in determining the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

In the event terminal equipment causes harm to the telephone network, the telephone company should notify the customer, if possible, that service may be stopped.

However, where prior notice is impractical, the company may temporarily cease service providing that they:

- a) Promptly notify the customer.
- b) Give the customer an opportunity to correct the problem with their equipment.
- c) Inform the customer of the right to bring a complaint to the Federal Communication Commission pursuant to procedures set out in FCC Rules and Regulations Subpart E of Part 68.

The Telephone Company may make changes in its communications facilities, equipment, operations or procedures, where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations in FCC Part 68.

If such changes can be reasonably expected to render any customer terminal equipment incompatible with telephone company communications facilities, or require modification or alteration of such terminal equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service.

When programming emergency numbers and/or making test calls to emergency numbers:

1. Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
2. Perform such activities in the off-peak hours, such as early morning hours or late evenings.

CAUTION:

Any unauthorized changes or modifications to this equipment could void the user's authority to operate this device.

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- If there is any trouble, disconnect the unit from the telephone line and connect a known working phone. If the known working phone operates properly, have your unit repaired by one of the specified Panasonic Factory Service Centers. If the known working phone does not operate properly, consult with your telephone company.
 - The unit should not be placed in room where the temperature is less than 5°C (41°F) or greater than 40°C (104°F).
 - The unit should be situated so that the location or position does not interfere with its proper ventilation. Allow 10 cm (4") clearance around the unit.
 - When the unit is not used, turn the power off. When left unused for long periods of time, the base unit should be unplugged from the household AC outlet.
 - The antenna of the portable handset should not be touched during use for best performance.
 - The possible calling distance may be shortened when the unit is used in the following places:
Near obstacles such as hills, tunnels, underground, near metal objects such as wire fence.
 - Do not place heavy objects on top of this unit.
 - Place the unit on a flat level surface, or use the wall mounting adaptor for wall installation. Damp basements should also be avoided.
 - Do not subject this unit to excessive smoke, dust, mechanical vibration, shock, or direct sunlight.
 - Do not use benzine, thinner, or any abrasive powder, to clean the cabinet. Wipe it with a soft cloth.

When you ship the product

Carefully pack and send it prepaid, adequately insured and preferably in the original carton. Attach a postage-paid letter, detailing the symptom, to the outside of the carton. *DO NOT send the product to the Executive or Regional Sales offices. They are NOT equipped to make repairs.*

Symptom _____

Product service

Panasonic Servicenters for this product are listed in the servicenter directory. Consult your authorized Panasonic dealer for detailed instructions.

For your future reference

Serial No. _____
(found on the bottom of the unit)

Date of purchase _____

Name of dealer _____

Dealer's address _____